CDP-C435/C535

SERVICE MANUAL

US Model
Canadian Model
CDP-C435/C535
AEP Model
E Model
CDP-C535
Australian Model
CDP-C435

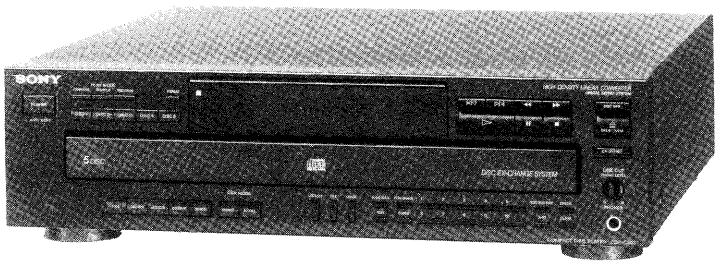

Photo : CDP-C535

COMPACT disc DIGITAL AUDIO

Model Name Using Similar Mechanism	CDP-C225/C325	
Optical Pick-up Block Type	C435	BU-5BD10B
	C535	BU-5BD11B

SPECIFICATIONS

Compact Disc Player

System	Compact disc digital audio system
Laser	Semiconductor laser
Wavelength	780-790 nm
Frequency response	2 Hz-20 kHz (±0.5 dB)
Signal to noise ratio	More than 107 dB
Dynamic range	More than 98 dB
Harmonic distortion	Less than 0.0035%
Channel separation	More than 100 dB

Outputs

LINE OUT (FIXED) (phono jacks)	Output level 2 V (at 50 kilohms, non DSP mode.) Load impedance over 10 kilohms
LINE OUT (VARIABLE) (phono jacks)	Output level max. 2V (at 50 kilohms, non DSP mode.) Load impedance over 50 kilohms
DIGITAL OUTPUT (OPTICAL) (optical output connector)	Wave length 660 nm (CDP-C535 : AEP) Output level –18 dBm
PHONES (stereo phone jack)	Output level max. 10 mW Load impedance 32 ohms

General

Power requirements	Model for the USA and Canada 120 V AC, 60 Hz Model for Australia 240V AC, 50/60 Hz Model for Continental Europe 220 – 230 V AC, 50/60 Hz Model for other countries 110 – 120 or 220 – 240 V AC adjustable, 50/60 Hz
Power consumption	14 W
Dimensions (approx.)	430 × 125 × 385 mm (w/h/d) (17 × 5 × 15¼ inches) (CDP-C535/C435) Including projecting parts and controls
Mass (approx.)	5.7 kg , net (12 lbs 10oz) (CDP-C535/C435)

Remote Commander	RM-D535 (CDP-C535) RM-D435 (CDP-C435)
Remote control system	Infrared control
Power requirements	3 V DC with two size AA batteries (IEC designation R6)
Dimensions	62 × 20 × 175 mm (w/h/d) (2 1/2 × 13/16 × 7 inches)
Mass	130 g (4.6 oz) including batteries

Design and specifications are subject to change without notice.

使用時は添付資料も参照のこと
Refer to the additional documents

COMPACT DISC PLAYER

SONY®

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

Note

This appliance conforms with EEC Directive 87/308/EEC regarding interference suppression.

The following caution label is located inside of the unit.

CAUTION	: INVISIBLE LASER RADIATION WHEN OPEN, AVOID EXPOSURE TO BEAM.
ADVARSEL:	USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEADSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDS ÆTTELSE FOR STRÅLING.
VARO!	: AVATTAESSA JA SUOJALUKITUS OHITETTAESSA DLET ALTTIINA LASERSÄTEILYLLE.
VARNING	: LASERSTRÅLING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URXOPPLAD.
ADVERSEL:	USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES UNNGÅ EKSPONERING FOR STRÅLEN.

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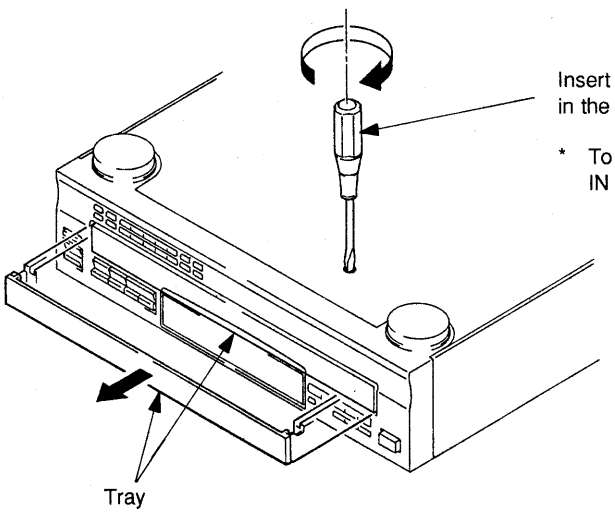
HOW TO OPEN THE DISC TRAY WHEN POWER SWITCH TURNS OFF



Insert a tapering driver into the aperture of the unit bottom, and turn in the direction of arrow (to OUT direction).

* To close the disc tray, turn the driver in the reverse direction (to IN direction).

SAFETY-RELATED COMPONENT WARNING!!

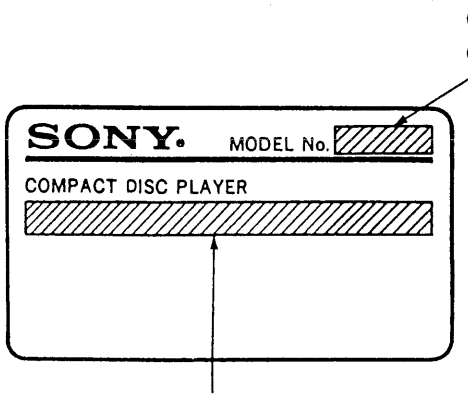
COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

MODEL IDENTIFICATION

—Model Number Label—



US, Canadian model: AC: 120V 60Hz
Australian model: AC: 240V~50/60Hz
AEP model: AC: 220-230V~50/60Hz
E model: AC: 110-120V, 220-240V~50/60Hz

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic breakdown and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30cm away from the objective lens.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

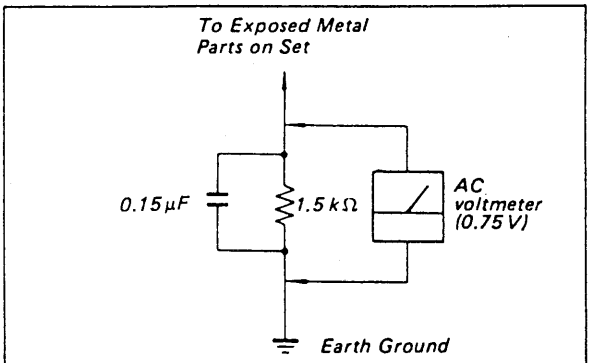


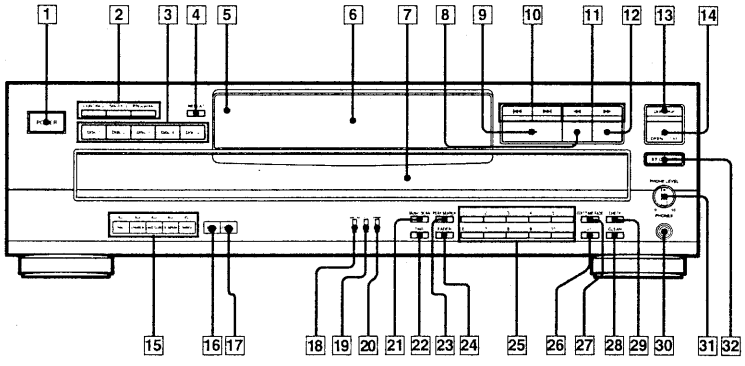
Fig. A. Using an AC voltmeter to check AC leakage.

SECTION 1
GENERAL

This section is extracted from instruction manual.

Identifying the Parts

Front Panel

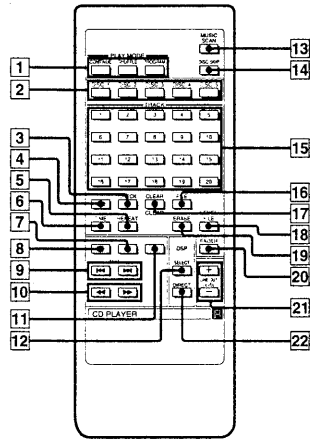


See the pages indicated in ( ) for details.

1 POWER switch (8)
2 PLAY MODE buttons
  CONTINUE button (8)
  SHUFFLE button (15)
  PROGRAM button (16)
3 DISC 1-5 buttons (8)
4 REPEAT button (20)
5 Remote sensor (4)
6 Display window (8)
7 Disc tray (8)
8 II (pause) button (8)
9 ▶ (play) button (8)
10 I◀◀/▶▶I (AMS*) buttons (10)
11 ◀◀/▶▶ (manual search) buttons (10)
12 ■ (stop) button (8)
13 DISC SKIP button (8)
14 ≜ OPEN/CLOSE button (8)
15 DSP mode buttons and indicators (12) (CDP-C535 only)
  HALL button
  CHURCH button
  JAZZ CLUB button
  STADIUM button
  DANCE button
16 DIRECT button (CDP-C535 only) (12)
17 DSP FILE button (CDP-C535 only) (29)
18 LEVEL FILE button (28)
19 FILE button (25)
20 ERASE button (25)
21 MUSIC SCAN button (19)
22 TIME button (9)
23 PEAK SEARCH button (21)
24 FADER button (14)
25 Numeric buttons (10)
26 >10 (over 10) button (10)
27 EDIT/TIME FADE button (22)
28 CLEAR button (16)
29 CHECK button (18)
30 PHONES jack (9)
31 LINE OUT/PHONE LEVEL control (9)
32 EX-CHANGE button (11)

* AMS is the abbreviation for Automatic Music Sensor.

Remote Commander

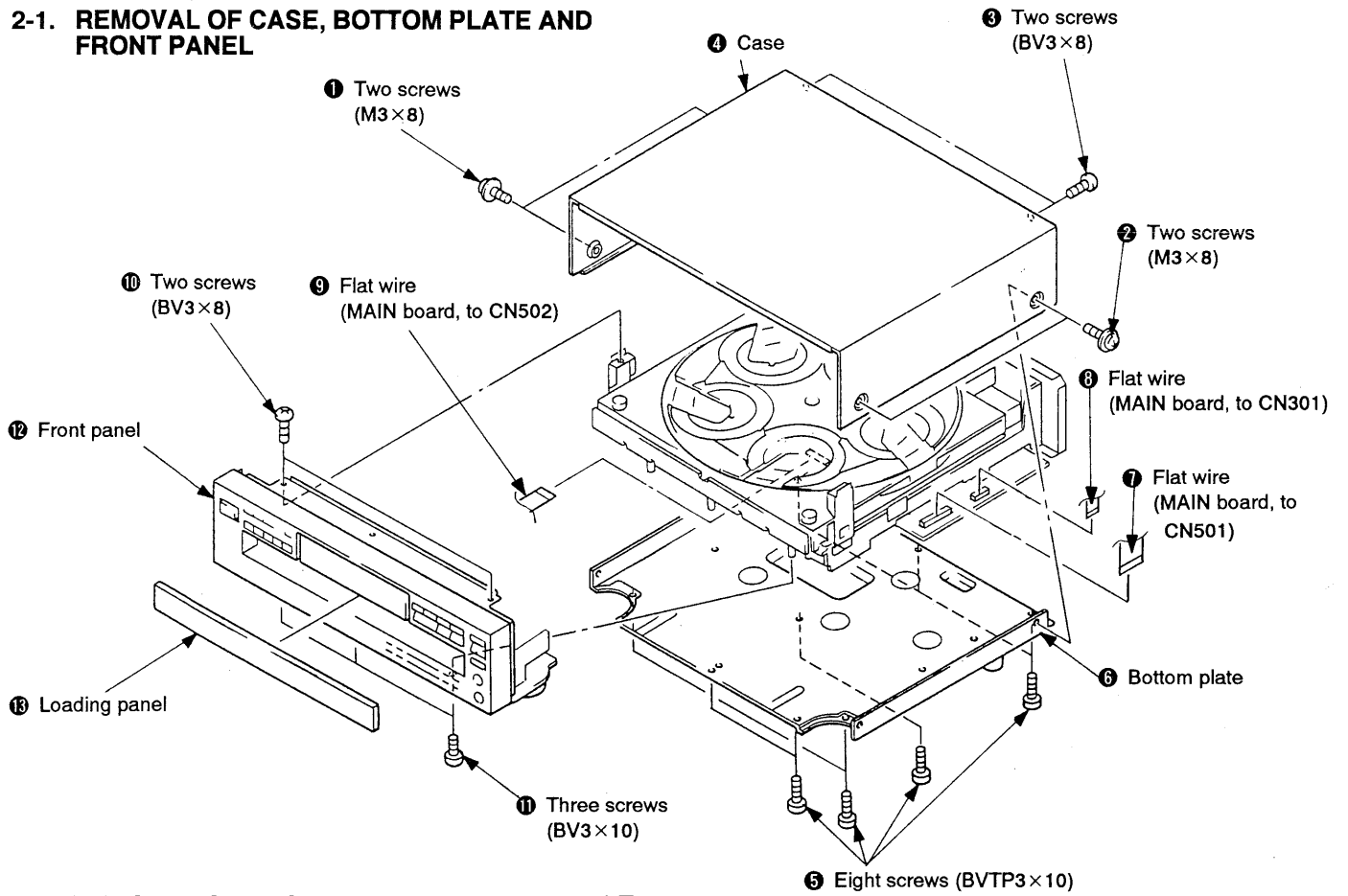


See the pages indicated in ( ) for details.

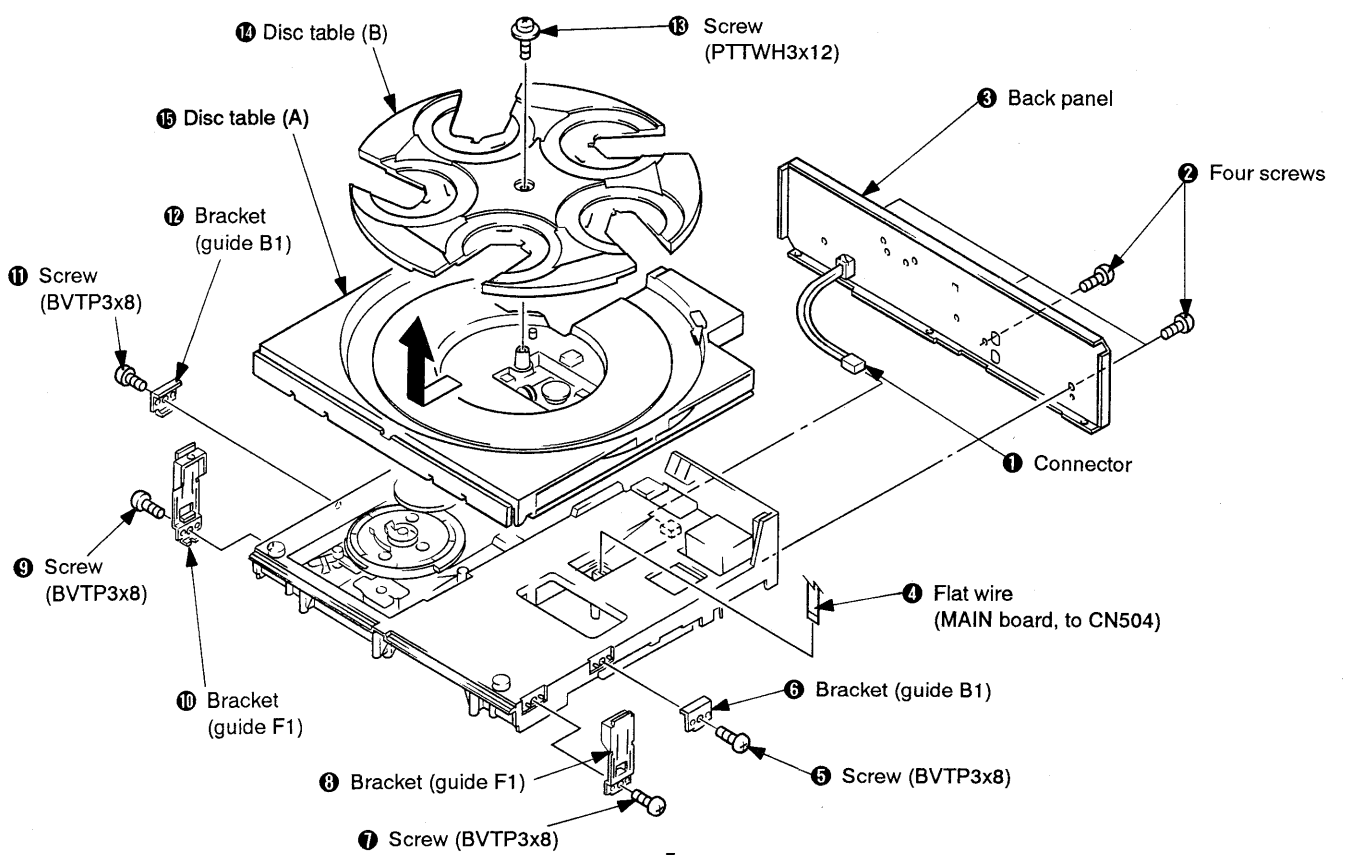
1 PLAY MODE buttons
  CONTINUE button (8)
  SHUFFLE button (15)
  PROGRAM button (16)
2 DISC 1-5 buttons (8)
3 CHECK button (18)
4 >20 (over 20) button (10)
5 REPEAT button (20)
6 TIME button (9)
7 II (pause) button (8)
8 ▶ (play) button (8)
9 I◀◀/▶▶I (AMS) buttons (10)
10 ◀◀/▶▶ (manual search) buttons (10)
11 ■ (stop) button (8)
12 DSP SELECT button (CDP-C535 only) (12)
13 MUSIC SCAN button (19)
14 DISC SKIP button (8)
15 Numeric buttons (10)
16 FILE button (25)
17 CLEAR button (16)
18 LEVEL FILE button (28)
19 ERASE button (25)
20 FADER button (14)
21 LINE OUT LEVEL +/– button (9)
22 DIRECT button (CDP-C535 only) (12)

SECTION 2
DISASSEMBLY

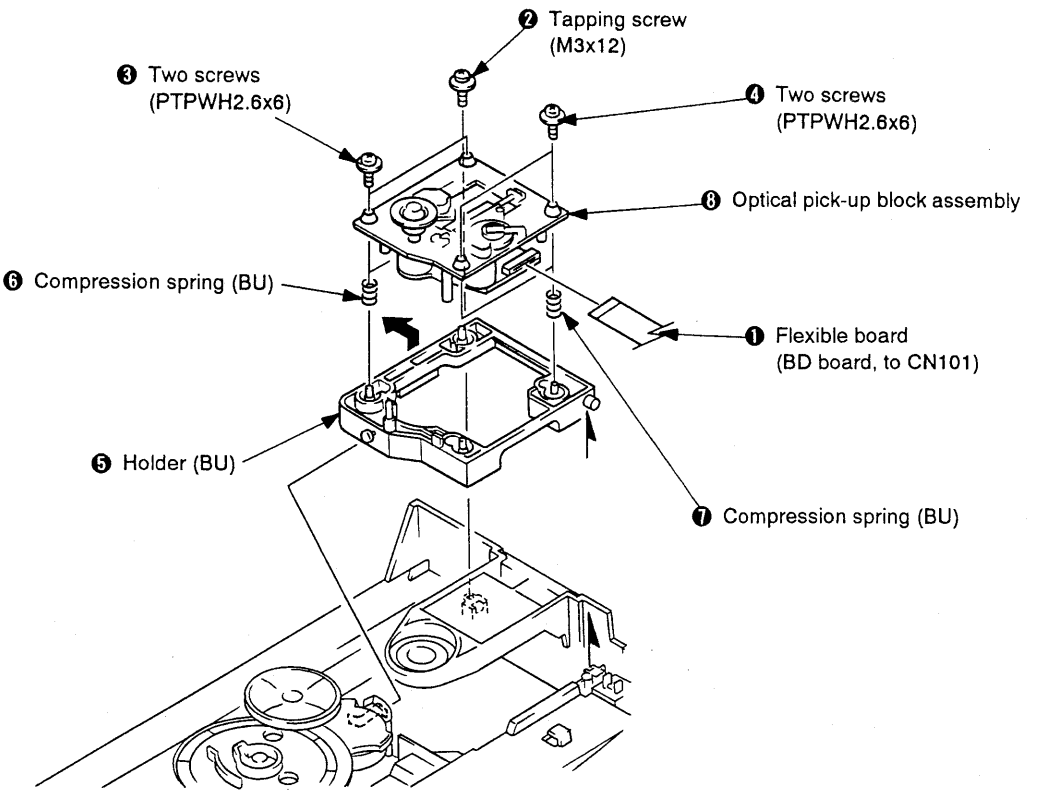
2-1. REMOVAL OF CASE, BOTTOM PLATE AND FRONT PANEL


❹ Case
❸ Two screws (BV3×8)
❶ Two screws (M3×8)
❷ Two screws (M3×8)
❿ Two screws (BV3×8)
❾ Flat wire (MAIN board, to CN502)
❽ Flat wire (MAIN board, to CN301)
⓬ Front panel
❼ Flat wire (MAIN board, to CN501)
❻ Bottom plate
⓭ Loading panel
⓫ Three screws (BV3×10)
❺ Eight screws (BVTP3×10)

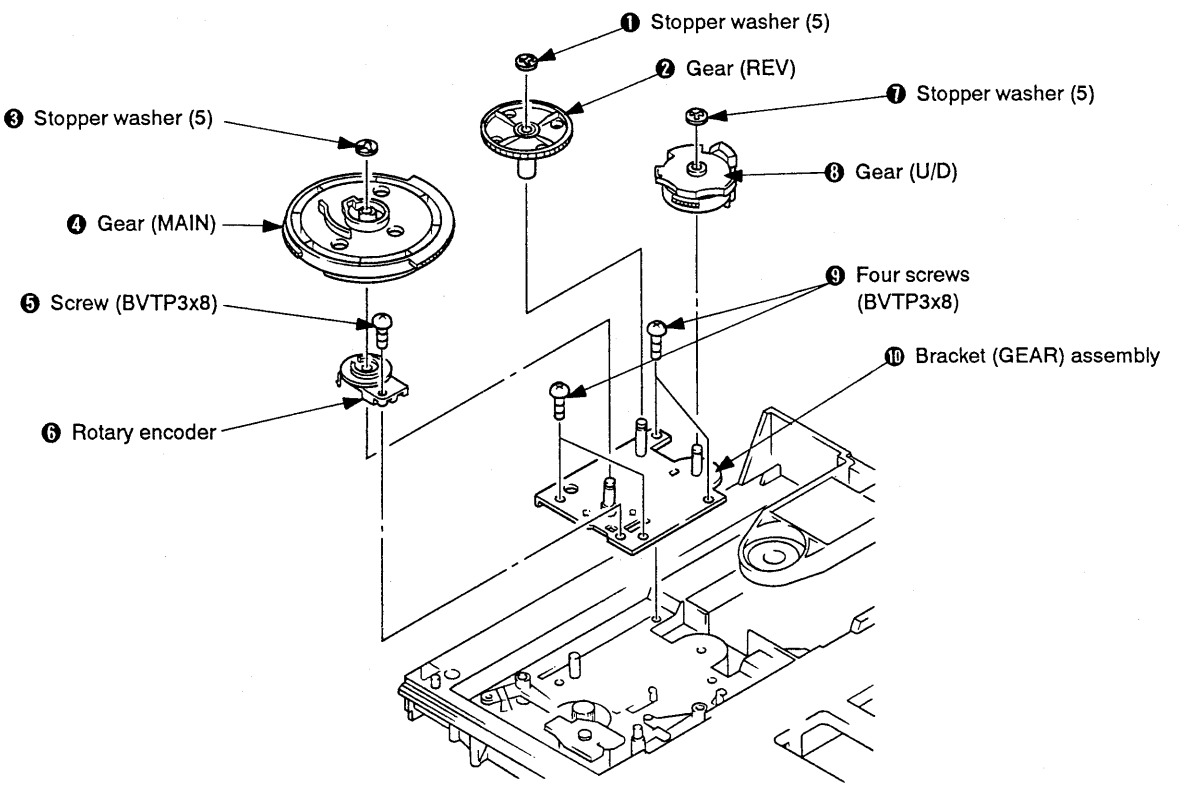
2-2. REMOVAL OF BACK PANEL AND DISC TABLE



2-3. REMOVAL OF OPTICAL PICK-UP BLOCK ASSEMBLY


❷ Tapping screw (M3x12)
❸ Two screws (PTPWH2.6x6)
❹ Two screws (PTPWH2.6x6)
❽ Optical pick-up block assembly
❻ Compression spring (BU)
❶ Flexible board (BD board, to CN101)
❺ Holder (BU)
❼ Compression spring (BU)

2-4. REMOVAL OF BRACKET (GEAR) ASSEMBLY

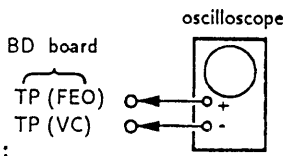


SECTION 3
ELECTRICAL BLOCK CHECKING

Note :

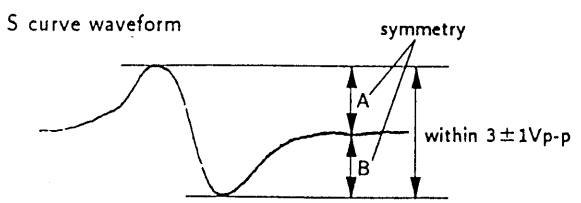
1. CD Block basically constructed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
3. Use the oscilloscope with more than 10MΩ impedance.
4. Clean an object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.

S Curve Check



Procedure :

1. Connect oscilloscope to test point TP (FE) on BD board.
2. Connect between test point TP (FE1) and TP (VC) by lead wire
3. Turned Power switch on and actuate the focus serch. (actuate the focus serch when disc table is moving in and out.)
4. Check the oscilloscope waveform (S curve) is symmetrical between A and B. And confirm peak to peak level within 3±1Vp-p.

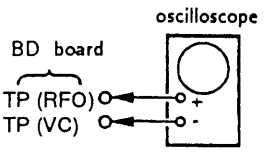


5. After check, remove the lead wire connected in step 2.

Note : • Try to mesure several times to make sure that the ratio of A : B or B : A is more than 10 : 7.

• Take sweep time as long as possible and light up the brightness to obtain best waveform.

RF Level Check

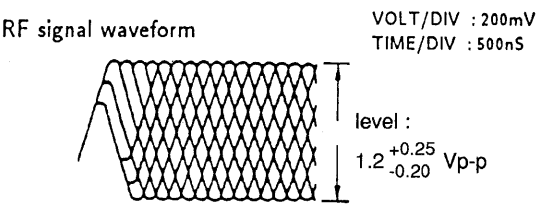


Procedure :

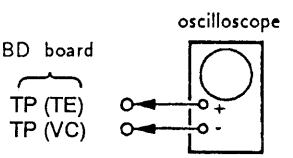
1. Connect oscilloscope to test point TP (RFO) on BD board.
2. Turn Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Confirm that oscilloscope waveform is clear and check RF signal level is correct or not.

Note :

Clear RF signal waveform means that the shape "◇" can be clearly distinguished at the center of the waveform.

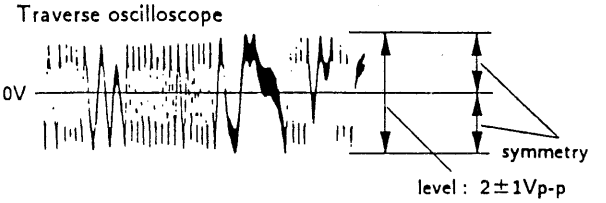


E-F Balance Check



Procedure :

1. Connect test point TP (ADJ) on Main board to ground and TP (TE1) to TP (VC) on BD board with lead wire.
2. Connect oscilloscope to test point TP (TE) on BD board.
3. Turn Power switch on.
4. Put disc (YEDS-18) in and playback.
5. Confirm that the osilloscope waveform is symmetrical on the top and bottom in relation to 0V, and check this level.

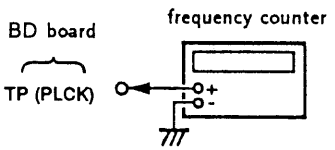


6. Remove the lead wire connected in step 1.

RF PLL Free-run Frequency Check

Procedure :

1. Connect frequency counter to test point (PLCK) with lead wire.



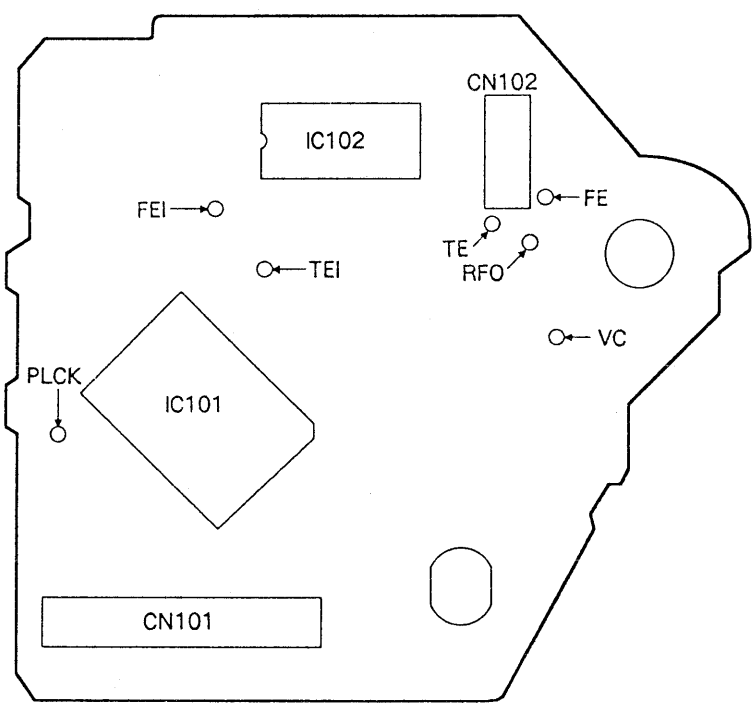
2. Turn Power switch on.
3. Confirm that reading on frequency counter is 4. 3218MHz.

Focus/Tracking Gain

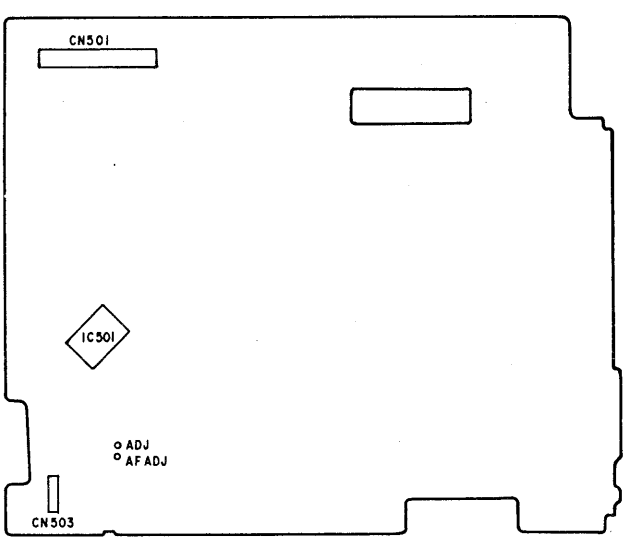
This gain has a margin, so even if it is slightly off. There is no problem.
Therefore, do not perform, this adjustment.
Please note that it should be fixed to mechanical center position when you moved and do not know original position.

Adjustment Locations :

[BD BOARD] —Conductor Side —



[MAIN BOARD] —Component Side —



SECTION 4
IC PIN FUNCTIONS

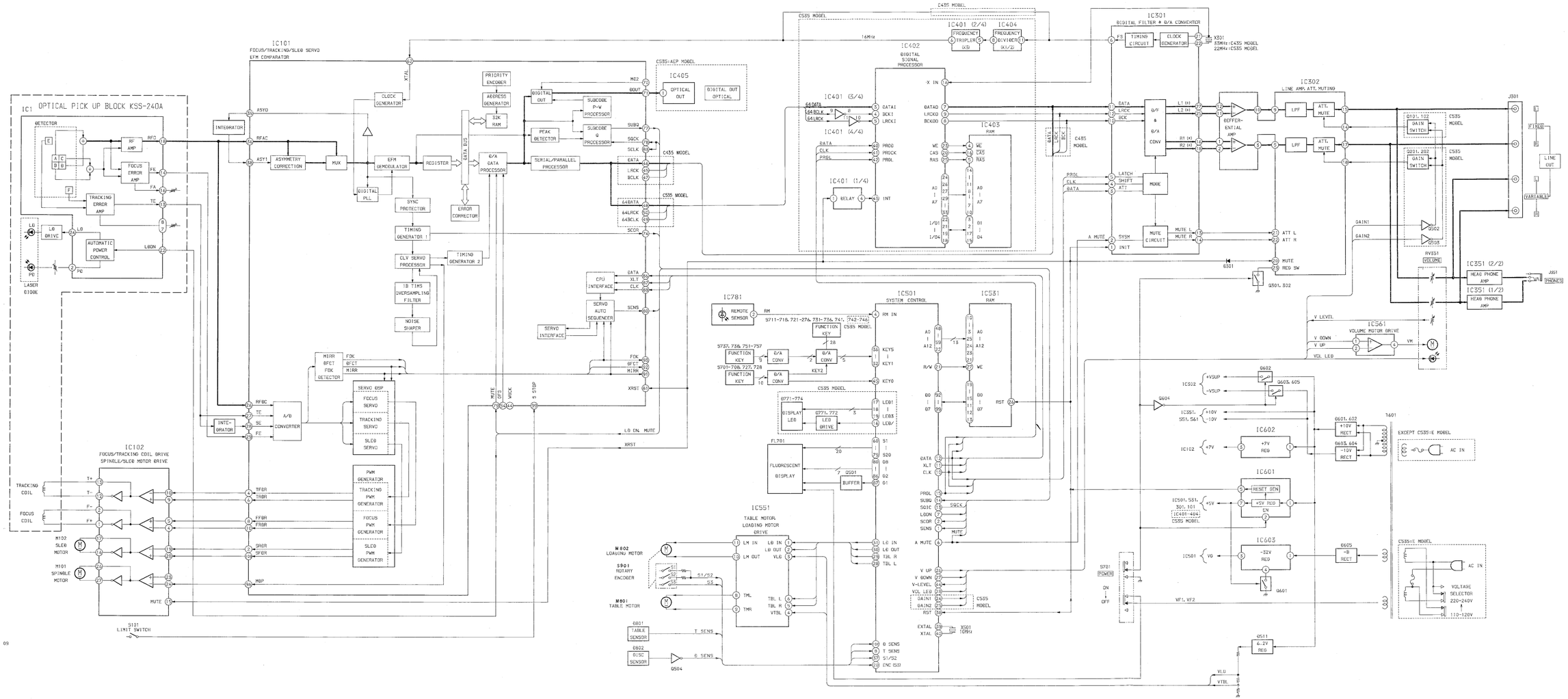
CXP82220-006Q (IC501) PIN FUNCTIONS

PIN No.	PIN NAME	I/O	FUNCTION
1	SENSE	I	SENSE signal input pin.
2	SCOR	I	Subcode Q data readout timing signal input pin.
3	AF ADJ	I	Test mode pin. Normally: "H"
4	RM IN	I	Remote control signal input pin.
5	ADJ	I	Test mode pin. Normally: "H"
6	A MUTE	O	Analog muting control signal output pin.
7	LDON	O	Optical pick-up laser diode control pin. ON: "H"
8	T.SENS	I	Slit sensor of disc table input pin.
9	DSPLT	O	Serial data latch signal output pin to Digital Signal processor.
10	CLK	O	Serial clock output pin to BD.
11	XLT	O	Serial data latch signal output pin.
12	DATA	O	Serial data output pin.
13	SQIC	O	Subcode Q data readout clock output pin.
14	SUBQ	I	Subcode Q data input pin.
15	PRGL	O	Latch signal output pin to digital filter IC.
16	LED/	O	LED drive pin. (C535)
17	LED1	O	LED ON/OFF pin. (C535)
18	LED2	O	
19	LED3	O	
20	ENC (S3)	I	Loading encoder input pin. (S3)
21	R/W	O	Read/write timing output pin.
22	A12	O	S-RAM address control output pin.
23	VOLLED	O	Volume LED control pin.
24	GAIN 1	O	Gain switch control pin. (C535)
25	GAIN 2	O	
26	VUP	O	Volume motor drive pin.
27	VDOWN	O	
28	TBLL	O	Table motor control pin.
29	TBLR	O	
30	LDOUT	O	Loading motor control pin.
31	LDIN	O	
32 to 36	KEY1 to KEY5	I	Key input pin. (A/D)
37	S1/S2	I	Loading encoder input pin. (S1/S2)
38	RST	I	Reset signal input pin.
39	EXTAL	I	10MHz clock input pin.
40	XTAL	O	10MHz clock output pin.
41	Vss	–	GND
42	TX	–	Not used.
43	TEX	–	
44	V-LEVEL	I	Volume level input pin.
45	KEY0	I	Key input pin. (A/D)

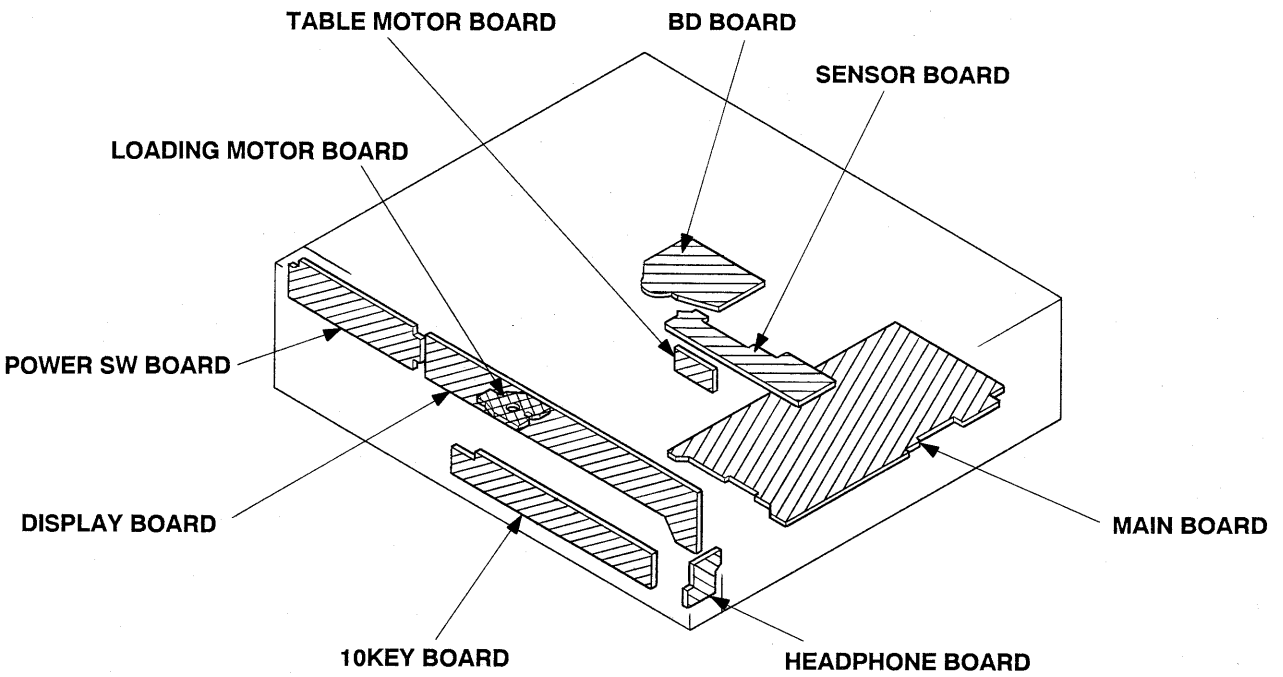
PIN No.	PIN NAME	I/O	FUNCTION
46	AVREF	I	Reference voltage input pin of A/D conversion.
47	AVss	–	GND
48 to 59	A0 to A11	O	S-RAM address control output pin.
60 to 79	S1 to S20	O	FL segment output pin.
80 to 87	G1 to G8	O	FL timing output pin.
88	VFDP	I	FL drive voltage input pin.
89	VDD	–	Power supply pin.
90	NC	–	Connected to VDD.
91	Vss	–	GND
92 to 99	D0 to D7	I/O	S-RAM data bus.
100	D SENS	I	Disc sensor input pin.

SECTION 5
DIAGRAMS

5-1. BLOCK DIAGRAM



5-2. CIRCUIT BOARDS LOCATION

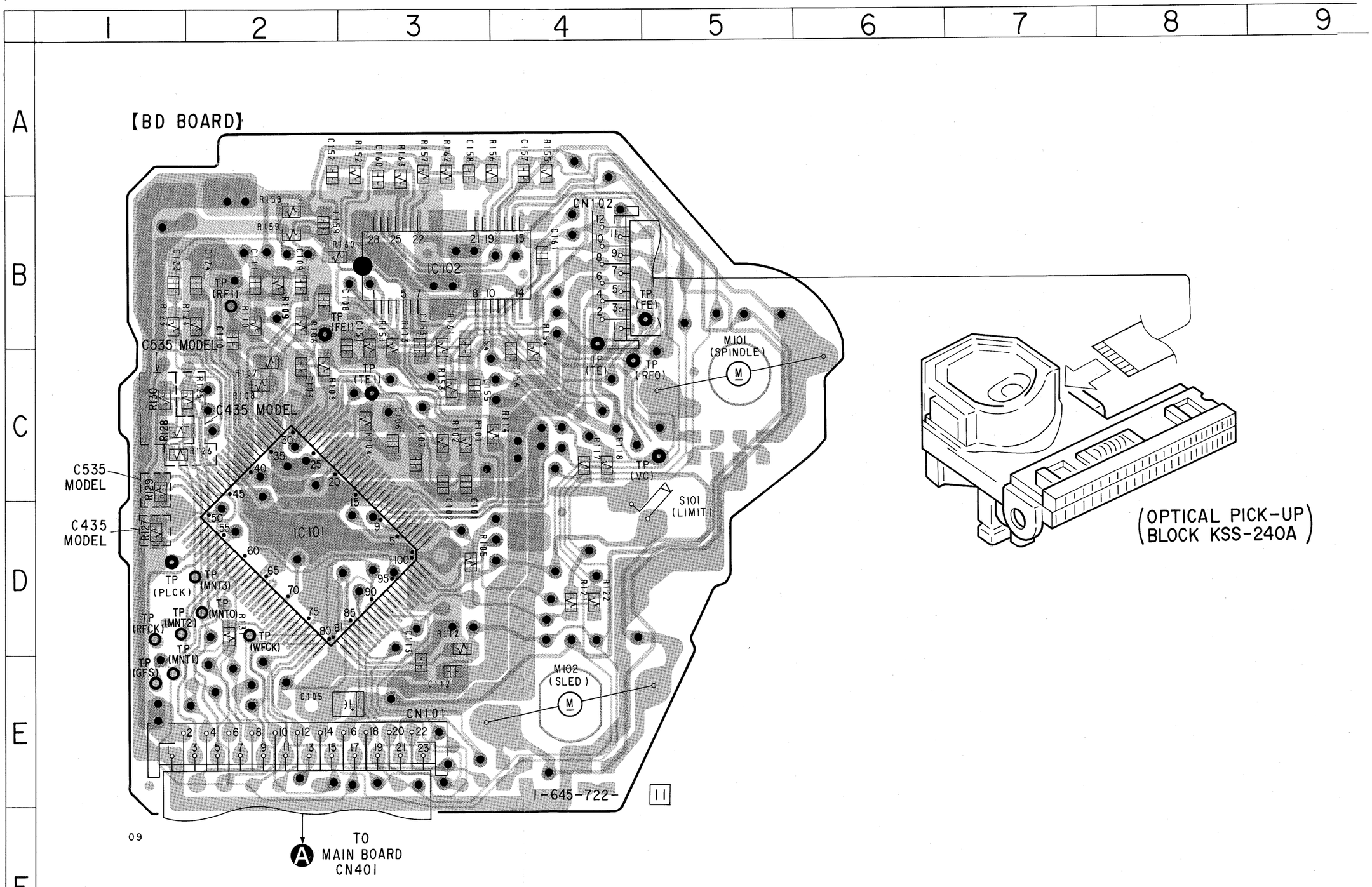


5-3. PRINTED WIRING BOARD — BD SECTION —

•See page 11 for Circuit Boards Location and see page 30 for Semiconductor Lead Layouts.

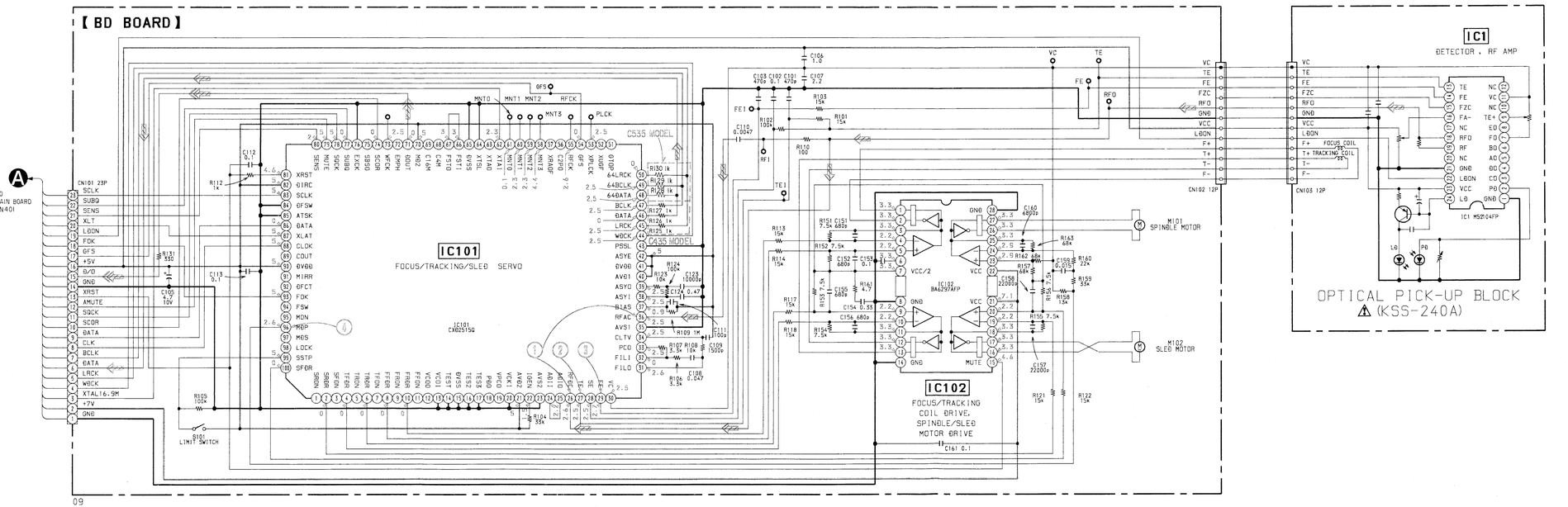
• **Semiconductor Location**

Ref. No.	Location
IC101	D-2
IC102	B-3



Note:

- ○—— : parts extracted from the component side.
- ● : Through hole.
- ▒▒▒ : Pattern on the side which is seen.
- ▒▒▒ : Pattern of the rear side.

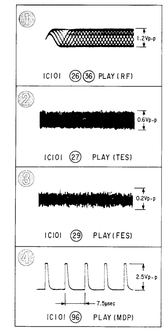


Note:

- All capacitors are in μF unless otherwise noted. pF:μμF 50WV or less are not indicated except for electrolytics and tantaliums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- ▭▭ : B+ Line
- ▭▭ : B− Line
- Voltage and waveforms are dc with respect to ground under no signal conditions.
- Voltages are taken with a VOM (Input Impedance 10 kΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ▭▭ : CD
  ▭▭ : digital out



5-5. PRINTED WIRING BOARDS — MAIN SECTION —

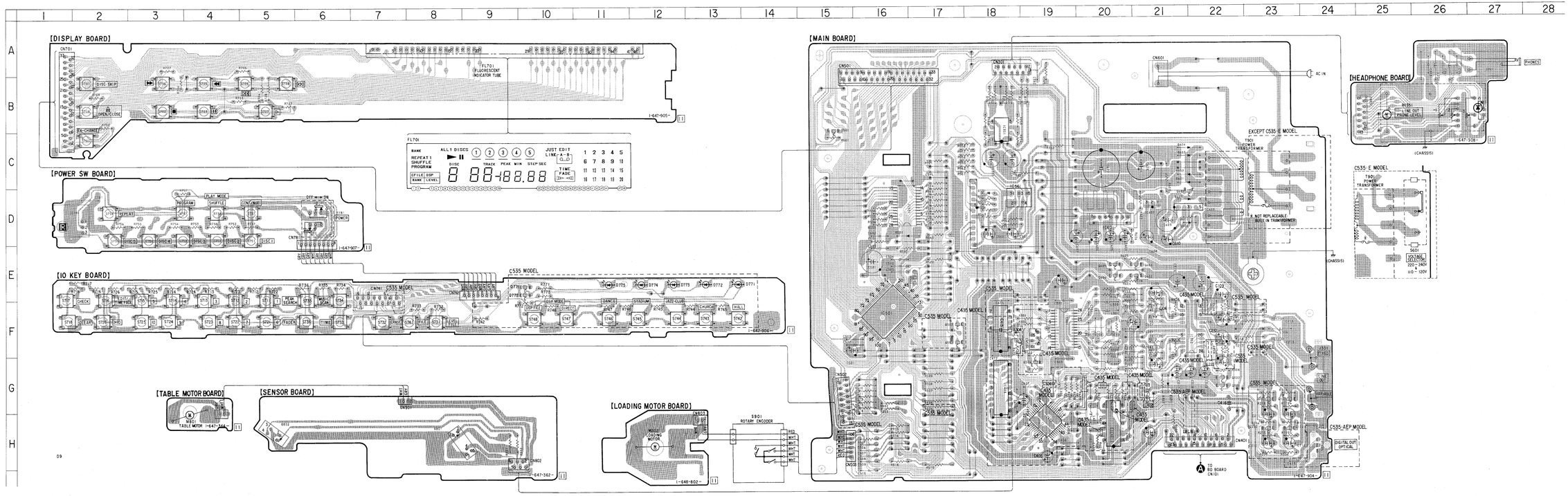
•See page 11 for Circuit Boards Location and see page 30 for Semiconductor Lead Layouts.

• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D301	G-21	Q302	G-22
D531	D-16	Q501	C-15
D551	D-18	Q502	F-17
D601	C-21	Q503	F-17
D602	C-21	Q504	G-19
D603	C-21	Q601	D-21
D604	C-21	Q602	E-21
D605	D-21	Q603	E-21
D606	D-21	Q604	E-20
D771	E-13	Q605	E-20
D772	E-13	Q771	E-9
D773	E-12	Q772	E-9
D774	E-12		
D775	E-11		
D801	H-8		
D802	H-5		
IC301	F-19		
IC302	F-22		
IC351	B-18		
IC401	H-20		
IC402	H-19		
IC403	G-18		
IC404	F-18		
IC405	H-24		
IC501	F-16		
IC531	B-18		
IC551	D-18		
IC561	D-18		
IC601	D-20		
IC602	D-21		
IC603	D-22		
IC781	D-1		
Q101	G-23		
Q102	H-23		
Q201	G-23		
Q202	H-23		
Q301	G-22		

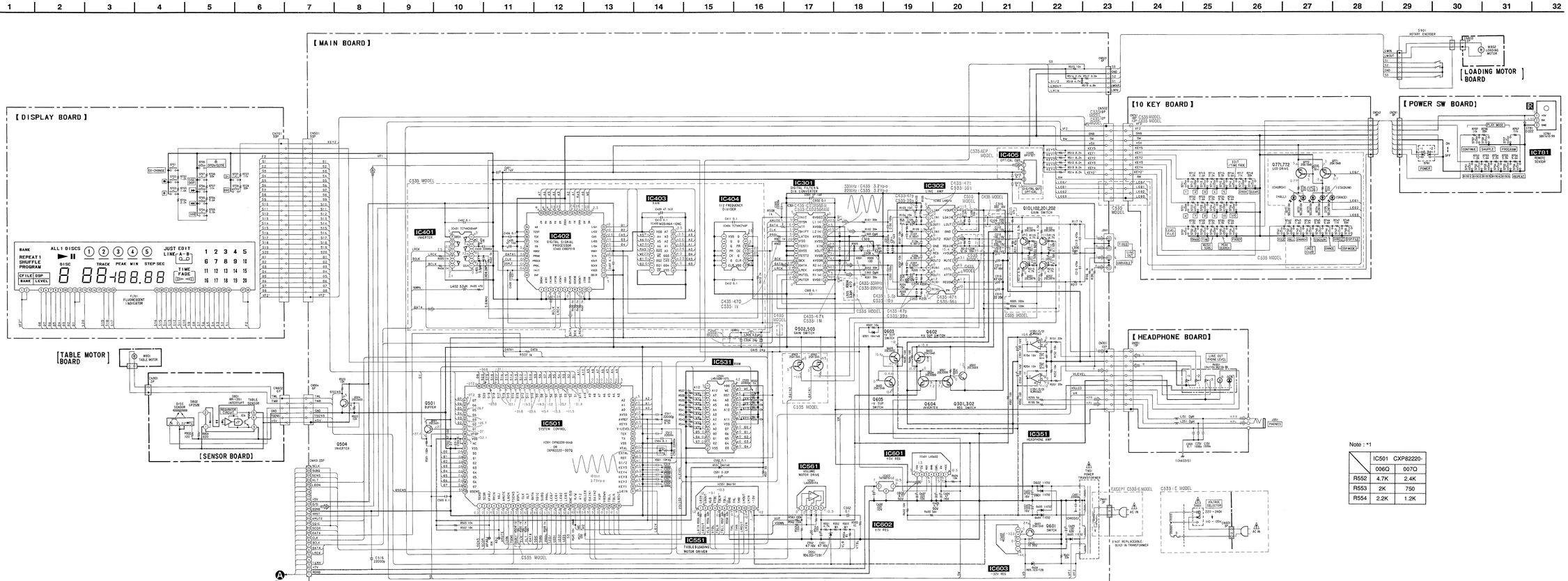
Note:

- ○—— : parts extracted from the component side.
- ▒▒▒ : Pattern on the side which is seen.



5-6. SCHEMATIC DIAGRAM — MAIN SECTION —

• See page 31, 32 for IC Block Diagrams.



Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- ▭ : Panel designation.
- △ : internal component.

Note:	**Note:**
The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

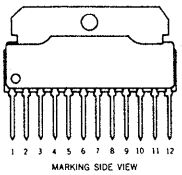
- ═══ : B+ Line
- ┅┅┅ : B− Line
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (Input Impedance 10 kΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ▭▷ : CD
  ▭▷▷ : digital out

Note : *1

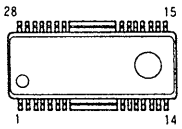
	IC501	CXP82220-
	006Q	007Q
R552	4.7K	2.4K
R553	2K	750
R554	2.2K	1.2K

5-7. SEMICONDUCTOR LEAD LAYOUTS

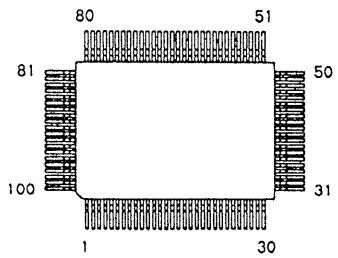
BA6191



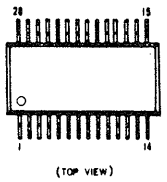
BA6297AFP



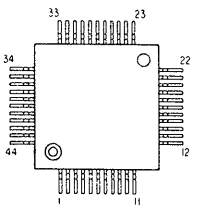
CXD2515Q



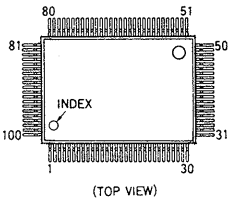
CXD2564AM
CXD2565M



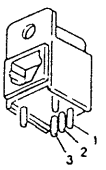
CXD2701Q



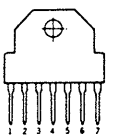
CXP82220-004Q



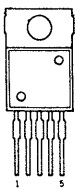
GP1F32T



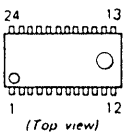
LA5602



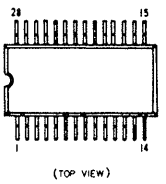
LA6500-FA



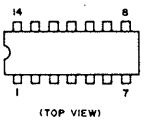
LA9216



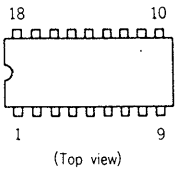
LH5160N-10L



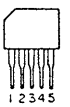
MC74HC74N
SN74HCU04N



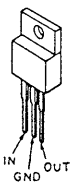
MS51464-10NC



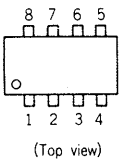
M5293L



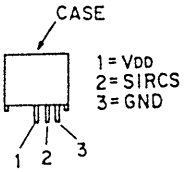
M5F78M07



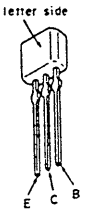
NJM4565D



SBX1610-59

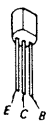


2SA1175-HFE
DTC144ES

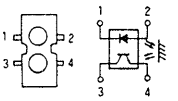


2SC2603-EF
DTA114ES
DTA144ES
DTC114ES

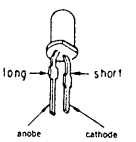
2SC2878-AB



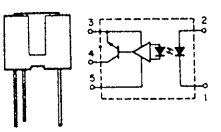
GP2S28



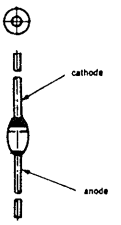
SEL2810A-C



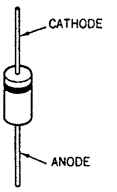
RPI-1391



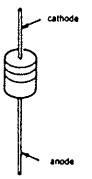
RD6.2ES-B1
RD9.1ES-B2



1N4148M

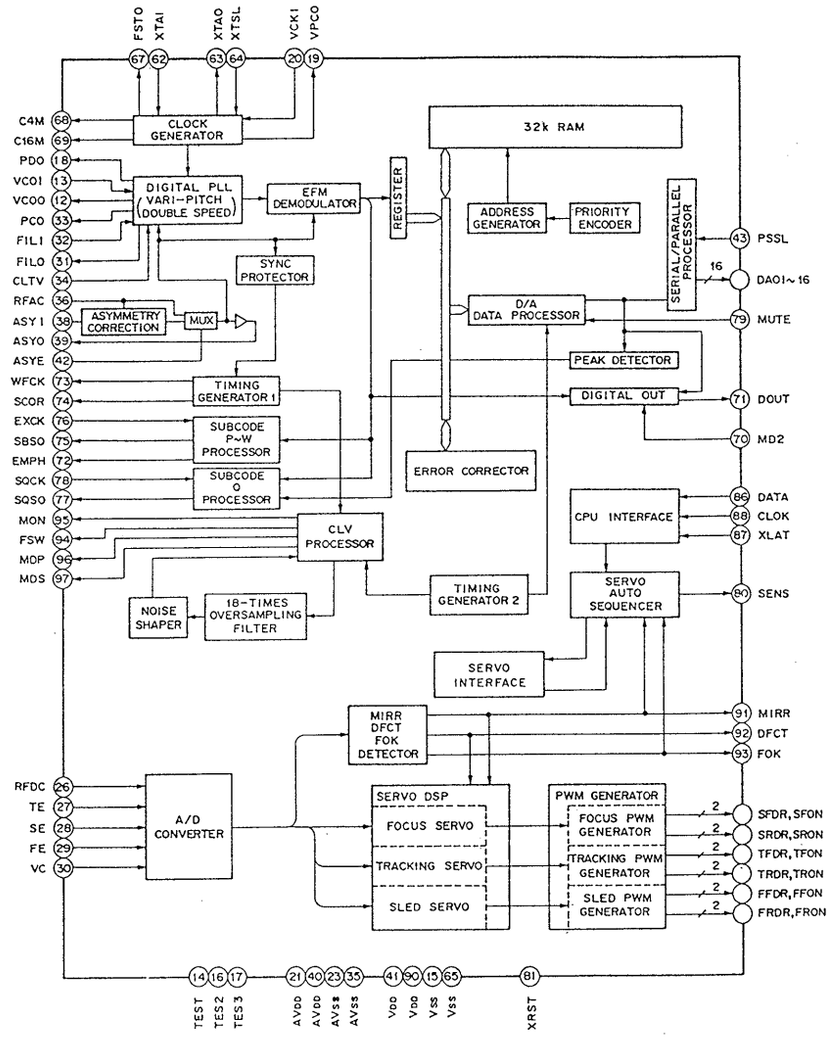


11ES2

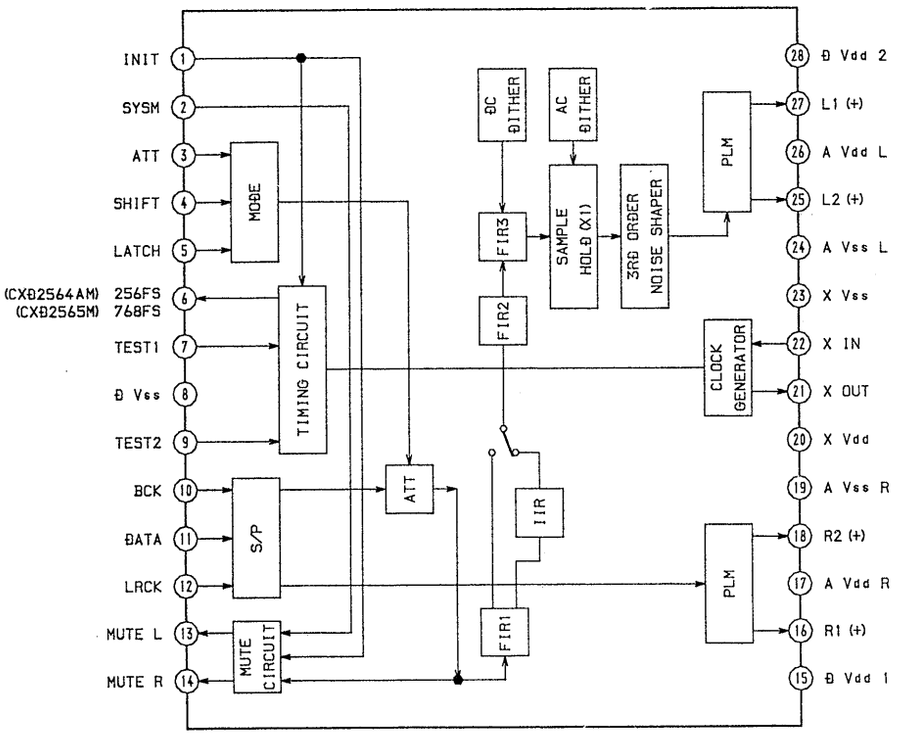


5-8. IC BLOCK DIAGRAM

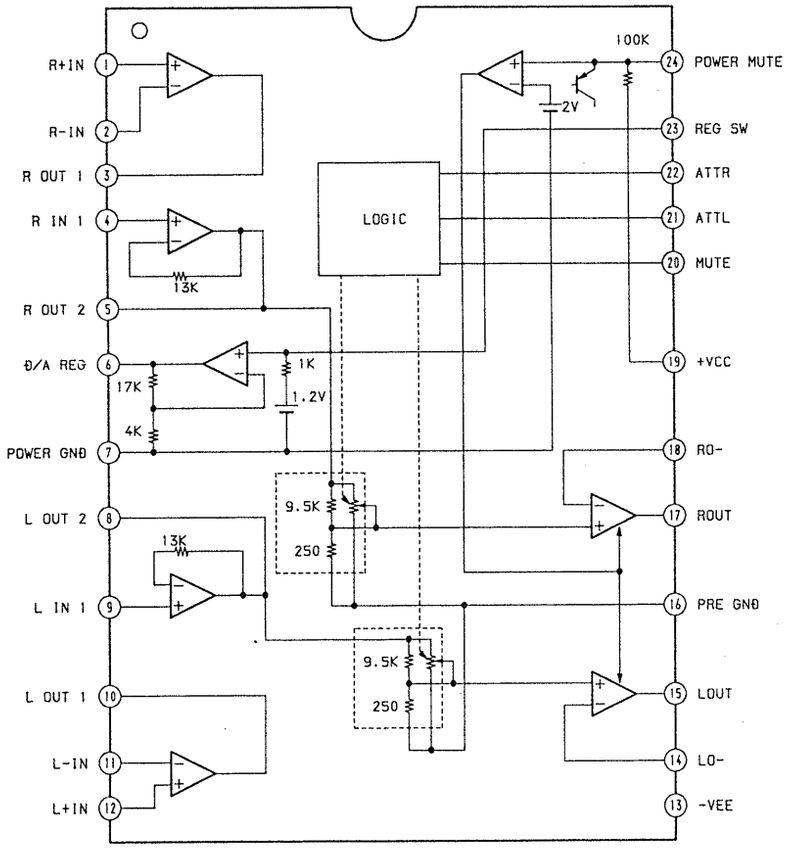
IC101 CXD2515Q



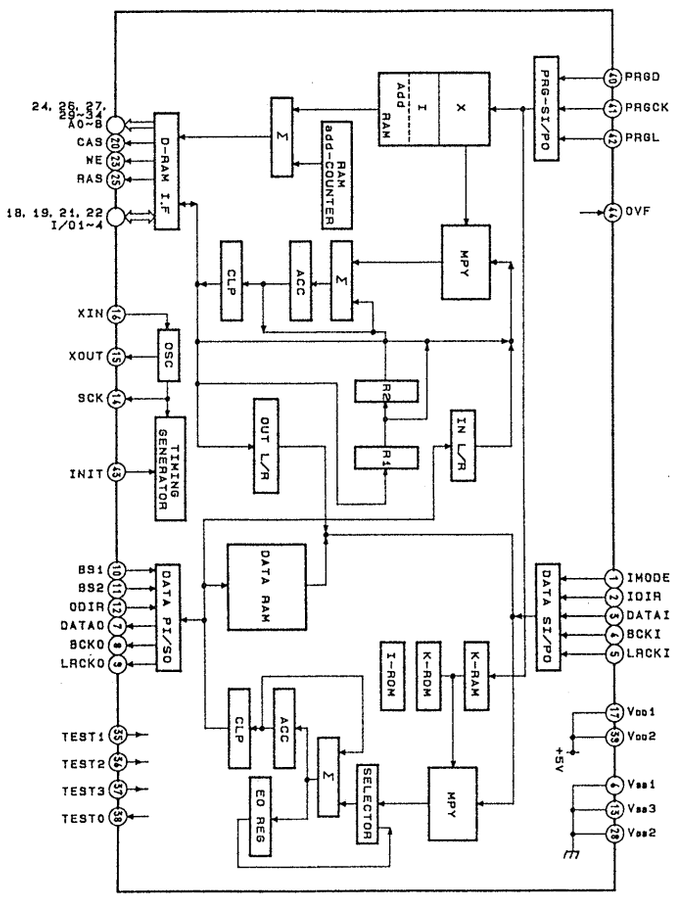
IC301 CXD2564AM/CXD2565M



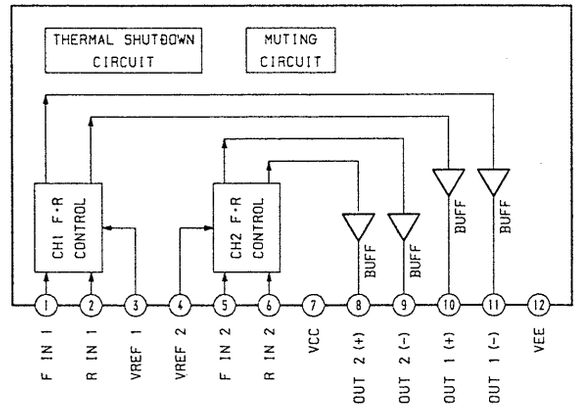
IC302 LA9216



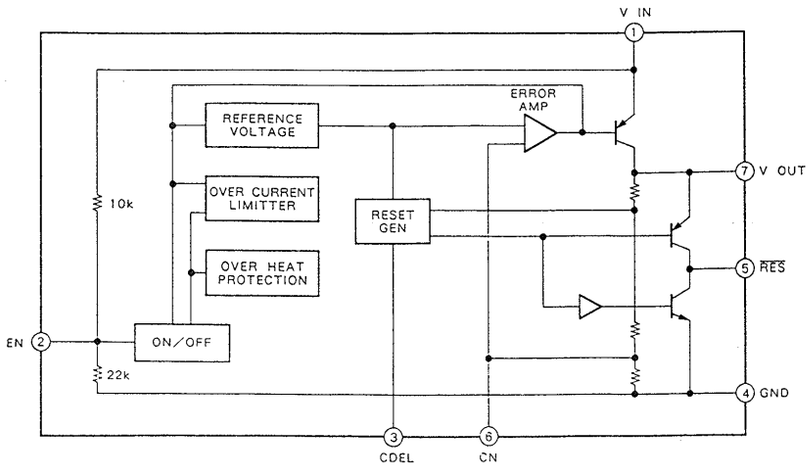
IC402 CXD2701Q



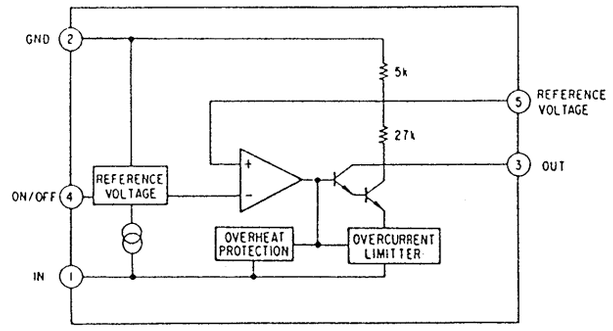
IC551 BA6191



IC601 LA5602



IC603 M5293L

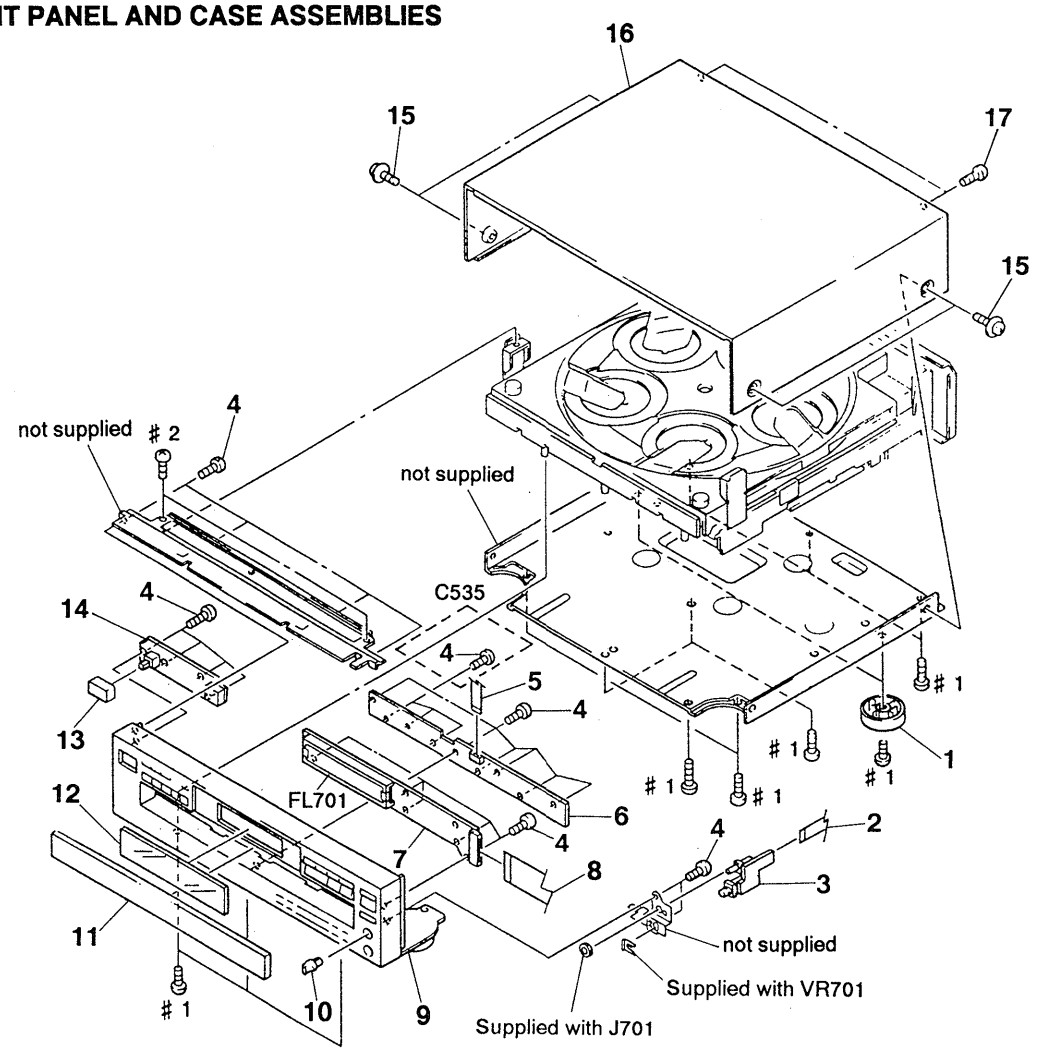


SECTION 6
EXPLODED VIEWS

NOTE:
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ Parts color ↑ Cabinet's color
- CND: Canadian model
- AUS: Australian model
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list is given in the last of this parts list.

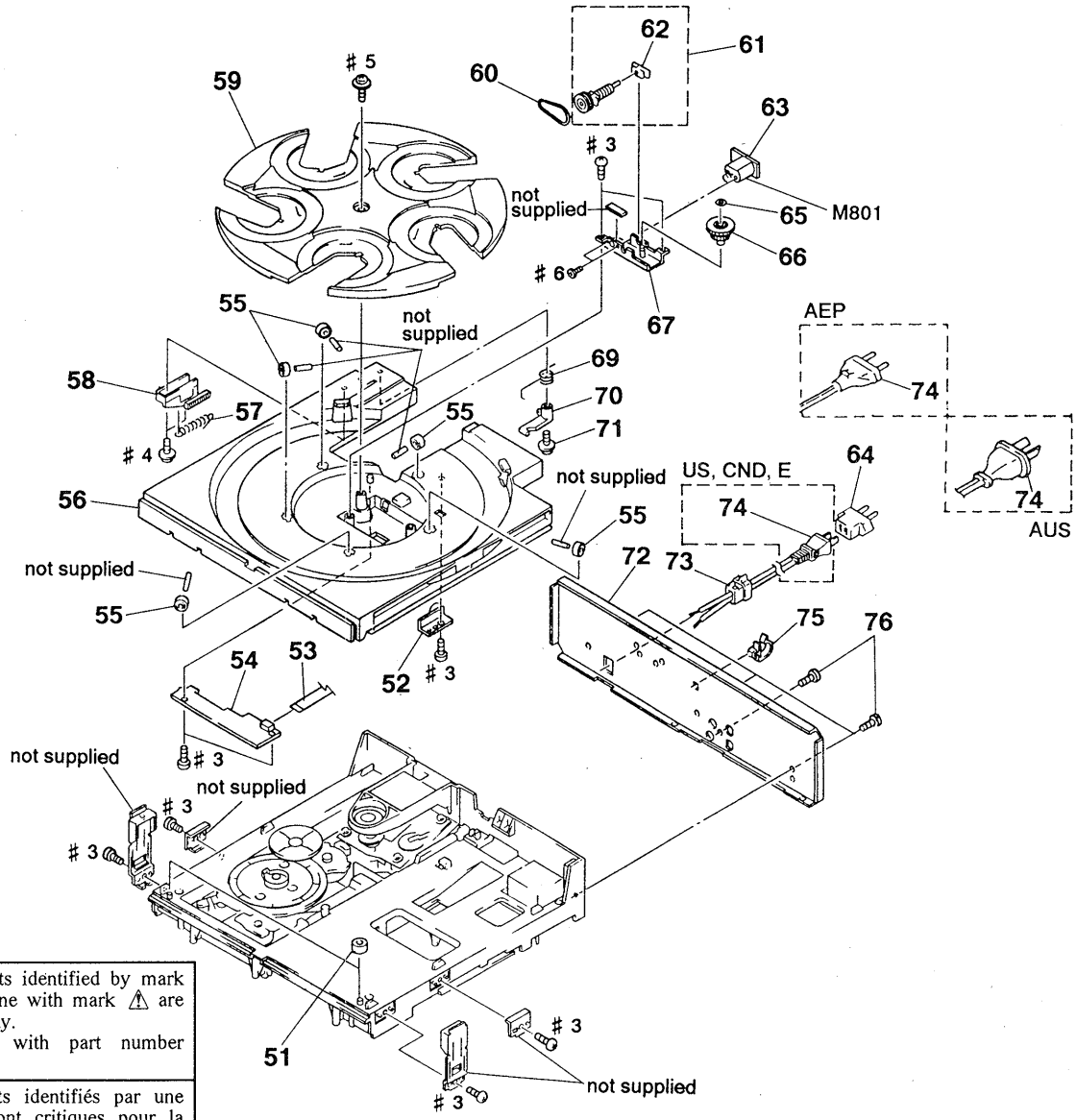
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

6-1. FRONT PANEL AND CASE ASSEMBLIES



Ref. No.	Part No.	Description	Remark
1	X-4942-197-1	FOOT ASSY (BLACK) (US, CND)	
1	X-4942-198-1	FOOT ASSY (SILVER) (AUS, AEP, E)	
2	1-751-122-11	WIRE (FLAT TYPE) (13 CORE)	
* 3	1-647-908-11	HEADPHONE BOARD	
4	4-951-620-01	SCREW (2.6X8), +BVTP	
5	1-751-120-11	WIRE (FLAT TYPE) (16 CORE) (C535)	
5	1-751-121-11	WIRE (FLAT TYPE) (12 CORE) (C435)	
* 6	A-4649-668-A	10 KEY BOARD, COMPLETE (C435)	
* 6	A-4649-675-A	10 KEY BOARD, COMPLETE (C535)	
* 7	1-647-905-11	DISPLAY BOARD	
8	1-751-119-11	WIRE (FLAT TYPE) (33 CORE)	
9	X-4943-502-1	PANEL ASSY, FRONT (C535:US, CND)	
9	X-4943-503-1	PANEL ASSY, FRONT (AEP, E)	
9	X-4943-504-1	PANEL ASSY, FRONT (C435:US, CND)	
9	X-4943-505-1	PANEL ASSY, FRONT (AUS)	
10	A-4660-389-A	KNOB (HP) ASSY	
11	4-957-557-01	PANEL, LOADING	
12	4-957-548-01	PLATE (FL), INDICATION	
13	4-922-921-01	BUTTON (POWER)	
* 14	1-647-907-11	POWER SW BOARD	
15	3-704-366-01	SCREW (CASE) (M3X8)	
* 16	4-944-153-01	CASE	
17	3-703-685-21	SCREW (+BV 3X8)	
FL701	1-517-164-11	INDICATOR TUBE, FLUORESCENT	

6-2. BACK PANEL AND DISC TABLE ASSEMBLIES



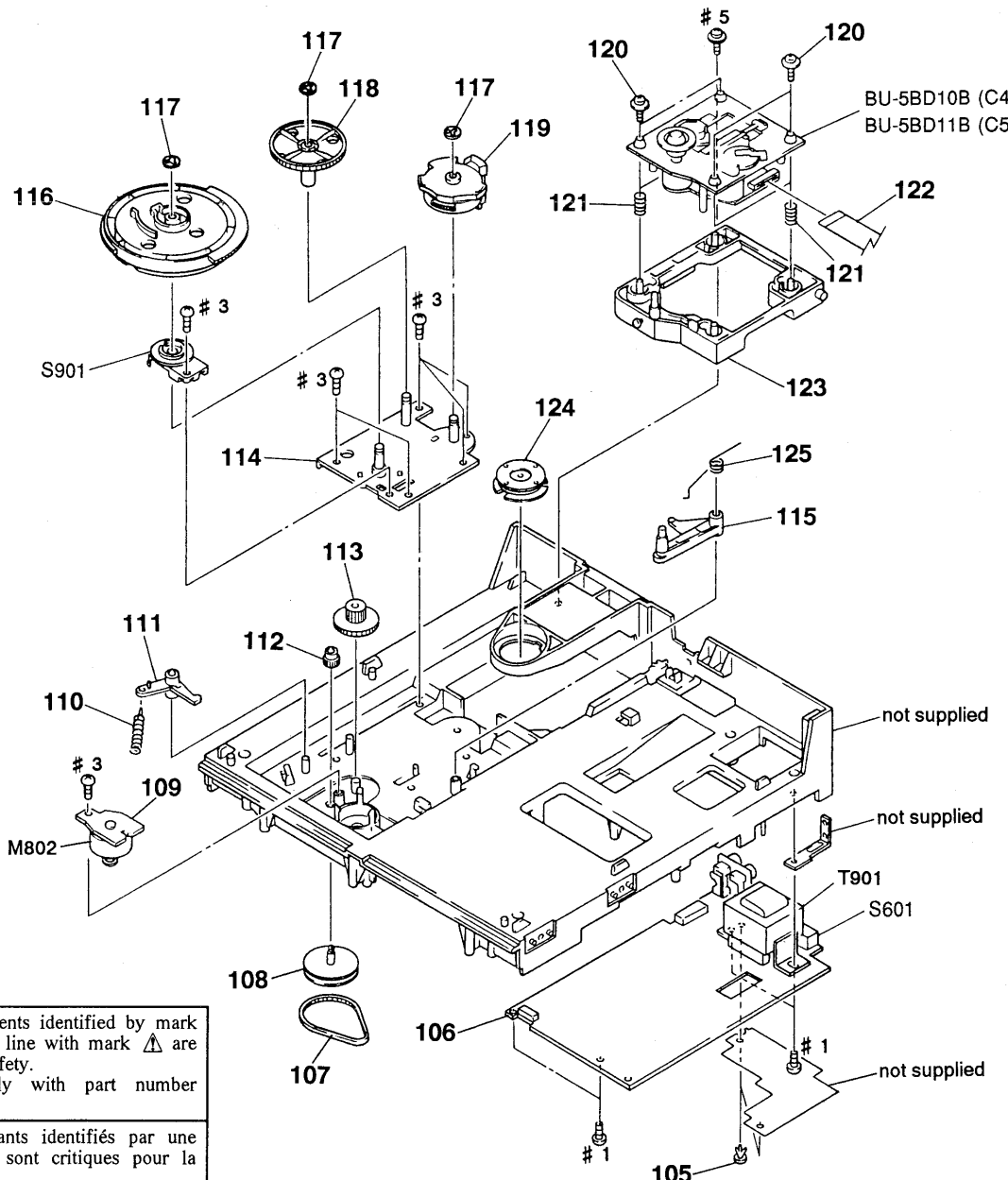
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
* 51	4-951-619-01	CUSHION (A)	
52	X-4943-480-1	BRACKET (ROLLER D) ASSY	
53	1-751-052-11	WIRE (FLAT TYPE) (6 CORE)	
* 54	1-647-362-11	SENSOR BOARD	
55	X-4924-457-1	ROLLER ASSY	
* 56	4-957-298-01	TABLE (A), DISC	
57	4-957-294-01	SPRING (D.T), TENSION	
58	4-957-292-01	SLIDER (RACK)	
59	4-957-299-01	TABLE (B), DISC	
60	4-957-304-01	BELT (RM)	
61	X-4943-479-1	GEAR (ROTARY A) ASSY	
62	4-957-278-01	BEARING (ROTARY A)	
63	1-647-364-11	TABLE MOTOR BOARD	
⚠64	1-569-007-11	ADAPTER, CONVERSION 2P (E)	
65	3-325-697-01	WASHER	
66	4-957-284-01	GEAR (LOTARY B)	
67	X-4943-477-1	BRACKET (RM) ASSY	

Ref. No.	Part No.	Description	Remark
69	4-957-293-01	SPRING (RACK RELEASE)	
70	4-957-291-01	LEVER (RACK RELEASE)	
71	4-957-868-01	SCREW (+PTPWH 2.6X20)	
* 72	4-958-222-01	PANEL, BACK (C535:US, CND)	
* 72	4-958-222-12	PANEL, BACK (AEP)	
* 72	4-958-222-21	PANEL, BACK (E)	
* 72	4-958-222-41	PANEL, BACK (C435:US, CND)	
* 72	4-958-222-51	PANEL, BACK (AUS)	
* 73	3-703-244-00	BUSHING (2104), CORD (EXCEPT FOR E)	
* 73	3-703-571-11	BUSHING (S) (4516), CORD (E)	
⚠74	1-575-651-21	CORD, POWER (AEP)	
⚠74	1-590-836-11	CORD, POWER (US, CND)	
⚠74	1-696-027-11	CORD, POWER (E)	
⚠74	1-696-845-11	CORD, POWER (AUS)	
* 75	4-949-235-01	HOOK	
76	3-704-515-21	SCREW (BV/RING)	
M801	A-4660-322-A	MOTOR ASSY, ROTARY (TABLE)	

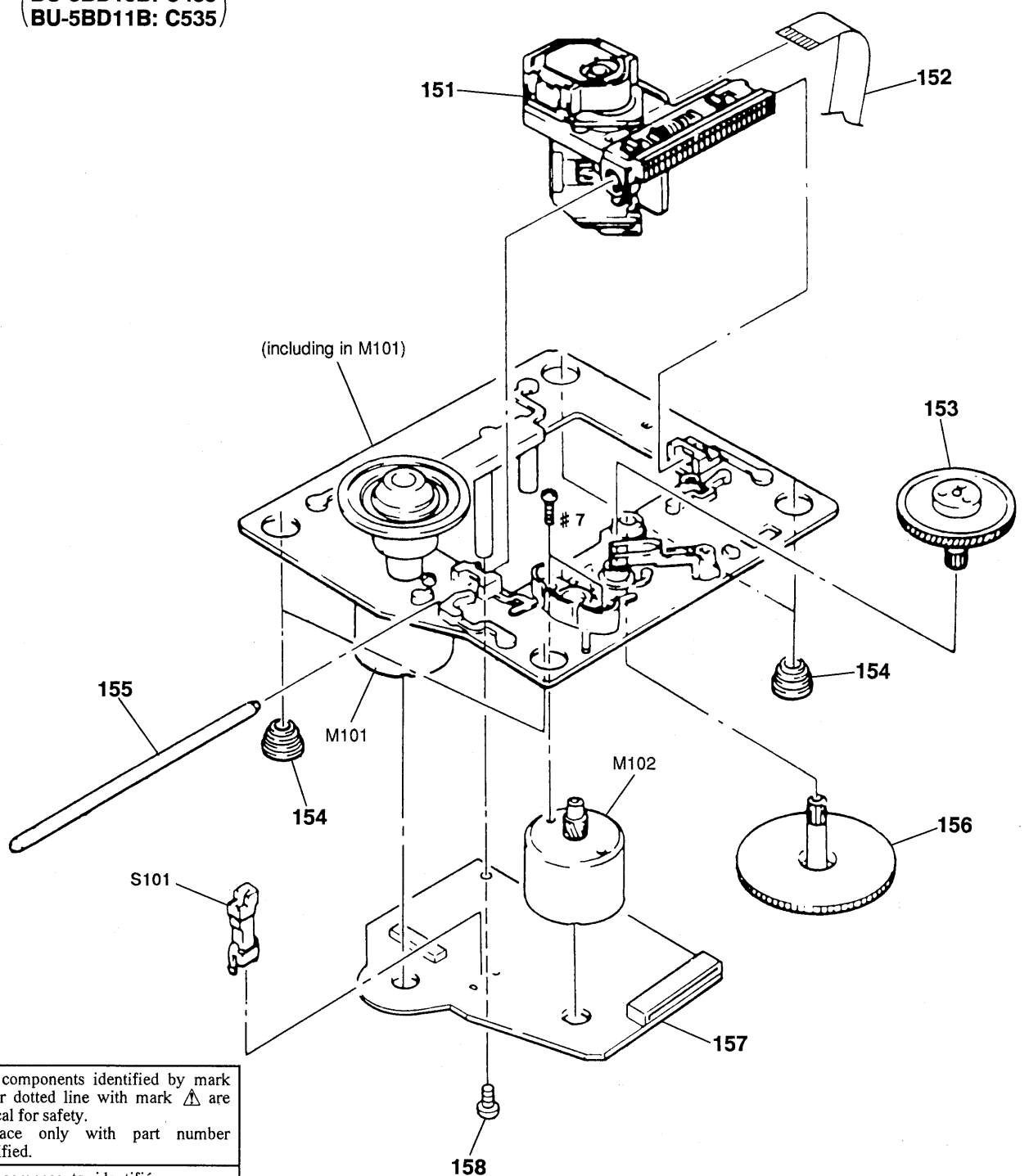
6-3. CHASSIS ASSEMBLY



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
105	3-531-576-11	RIVET	
* 106	A-4649-669-A	MAIN BOARD, COMPLETE (C435:US, CND)	
* 106	A-4649-672-A	MAIN BOARD, COMPLETE (AUS)	
* 106	A-4649-677-A	MAIN BOARD, COMPLETE (C535:US, CND)	
* 106	A-4649-678-A	MAIN BOARD, COMPLETE (AEP)	
* 106	A-4649-679-A	MAIN BOARD, COMPLETE (E)	
107	4-944-490-01	BELT (TIMING)	
108	X-4941-529-1	PULLEY ASSY	
109	1-647-363-11	LOADING MOTOR BOARD	
110	4-924-412-01	SPRING (B), TENSION	
111	4-957-285-01	LEVER, SET	
112	4-934-375-01	GEAR (LOADING B)	
113	4-957-303-01	GEAR (LOADING C)	
114	X-4943-478-1	BRACKET (GEAR) ASSY	
115	4-957-279-01	LEVER, LOCK	
116	4-957-288-01	GEAR (MAIN)	
117	4-957-283-01	WASHER (5), STOPPER	
118	4-957-287-01	GEAR (REV)	
119	4-957-286-04	GEAR (U/D)	
120	4-933-134-01	SCREW (+PTPWH M2.6X6)	
121	4-948-503-01	SPRING (BU), COMPRESSION	
122	1-751-123-11	WIRE (FLAT TYPE) (23 CORE)	
* 123	4-957-289-01	HOLDER (BU)	
* 124	1-452-538-11	MAGNET	
125	4-957-281-01	SPRING (LOCK LEVER)	
M802	A-4604-834-A	MOTOR ASSY, LOADING	
⚠S601	1-572-675-11	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR) (C535:E)	
S901	1-466-996-11	ENCODER, ROTARY	
⚠T901	1-423-553-11	TRANSFORMER, POWER (US, CND)	
⚠T901	1-423-554-11	TRANSFORMER, POWER (AUS, AEP)	
⚠T901	1-423-555-11	TRANSFORMER, POWER (E)	

6-4. OPTICAL PICK-UP BLOCK ASSEMBLY
(BU-5BD10B: C435)
(BU-5BD11B: C535)



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Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
⚠151	8-848-144-11	DEVICE, OPTICAL KSS-240A	
152	1-575-001-11	WIRE, FLAT TYPE (12 CORE)	
153	4-917-567-01	GEAR (M)	
154	4-951-940-01	INSULATOR (BU)	
155	4-917-565-01	SHAFT, SLED	
156	4-917-564-01	GEAR (P), FLATNESS	
* 157	A-4649-432-A	BD BOARD, COMPLETE (C435)	
* 157	A-4649-433-A	BD BOARD, COMPLETE (C535)	
158	4-951-620-01	SCREW (2.6X8), +BVTP	
M101	X-4917-523-3	BASE (OUTSERT) ASSY (SPINDLE)	
M102	X-4917-504-1	MOTOR ASSY (SLED)	
S101	1-572-085-11	SWITCH, LEAF (LIMIT)	

SECTION 7
ELECTRICAL PARTS LIST

10 KEY

NOTE:

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F : nonflammable
- Color Indication of Appearance Parts Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ Parts color ↑ Cabinet's color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: μ , for example:
  uA...: μA..., uPA...: μPA...,
  uPB...: μPB..., uPC...: μPC...,
  uPD...: μPD...
- CAPACITORS
  uF : μF
- COILS
  uH : μH
- Hardware (# mark) list is given in the last of this parts list.
- AUS: Australian model
- CND: Canadian model

Ref. No.	Part No.	Description	Remark
*	A-4649-668-A	10 KEY BOARD, COMPLETE (C435)	
		**********	
*	A-4649-675-A	10 KEY BOARD, COMPLETE (C535)	
		**********	
		< CONNECTOR >	
CN741	1-750-453-11	CONNECTOR, FFC/FPC 12P (C435)	
CN741	1-750-457-11	CONNECTOR, FFC/FPC 16P (C535)	
		< DIODE >	
D771	8-719-301-52	LED SEL2810A-C (C535)	
D772	8-719-301-52	LED SEL2810A-C (C535)	
D773	8-719-301-52	LED SEL2810A-C (C535)	
D774	8-719-301-52	LED SEL2810A-C (C535)	
D775	8-719-301-52	LED SEL2810A-C (C535)	
		< TRANSISTOR >	
Q771	8-729-900-61	TRANSISTOR DTA114ES (C535)	
Q772	8-729-900-61	TRANSISTOR DTA114ES (C535)	
		< RESISTOR >	
R712	1-249-418-11	CARBON 1.2K 5% 1/4W F	
R713	1-247-836-11	CARBON 1.6K 5% 1/4W	
R714	1-249-421-11	CARBON 2.2K 5% 1/4W F	
R715	1-249-423-11	CARBON 3.3K 5% 1/4W F	
R716	1-249-426-11	CARBON 5.6K 5% 1/4W	
R717	1-247-856-00	CARBON 11K 5% 1/4W	
R718	1-249-435-11	CARBON 33K 5% 1/4W	
R722	1-249-418-11	CARBON 1.2K 5% 1/4W F	
R723	1-247-836-11	CARBON 1.6K 5% 1/4W	
R724	1-249-421-11	CARBON 2.2K 5% 1/4W F	
R725	1-249-423-11	CARBON 3.3K 5% 1/4W F	
R726	1-249-426-11	CARBON 5.6K 5% 1/4W	
R732	1-249-418-11	CARBON 1.2K 5% 1/4W F	
R733	1-247-836-11	CARBON 1.6K 5% 1/4W	
R734	1-249-421-11	CARBON 2.2K 5% 1/4W F	
R735	1-249-423-11	CARBON 3.3K 5% 1/4W F	
R736	1-249-426-11	CARBON 5.6K 5% 1/4W	
R742	1-249-418-11	CARBON 1.2K 5% 1/4W F	(C535)
R743	1-247-836-11	CARBON 1.6K 5% 1/4W	(C535)
R744	1-249-421-11	CARBON 2.2K 5% 1/4W F	(C535)
R745	1-249-423-11	CARBON 3.3K 5% 1/4W F	(C535)
R746	1-249-426-11	CARBON 5.6K 5% 1/4W	(C535)
R747	1-247-856-00	CARBON 11K 5% 1/4W	(C535)
R748	1-249-435-11	CARBON 33K 5% 1/4W	(C535)
R771	1-249-409-11	CARBON 220 5% 1/4W F	(C535)
R772	1-249-421-11	CARBON 2.2K 5% 1/4W F	(C535)
R773	1-249-409-11	CARBON 220 5% 1/4W F	(C535)
		< SWITCH >	
S711	1-554-303-21	SWITCH, TACTILE (1)	
S712	1-554-303-21	SWITCH, TACTILE (2)	
S713	1-554-303-21	SWITCH, TACTILE (3)	
S714	1-554-303-21	SWITCH, TACTILE (4)	
S715	1-554-303-21	SWITCH, TACTILE (5)	
S716	1-554-303-21	SWITCH, TACTILE (EDIT/TIME FADE)	
S717	1-554-303-21	SWITCH, TACTILE (CHECK)	
S718	1-554-303-21	SWITCH, TACTILE (CLEAR)	
S721	1-554-303-21	SWITCH, TACTILE (6)	
S722	1-554-303-21	SWITCH, TACTILE (7)	
S723	1-554-303-21	SWITCH, TACTILE (8)	
S724	1-554-303-21	SWITCH, TACTILE (9)	
S725	1-554-303-21	SWITCH, TACTILE (10)	
S726	1-554-303-21	SWITCH, TACTILE (>10)	
S731	1-554-303-21	SWITCH, TACTILE (LEVEL FILE)	
S732	1-554-303-21	SWITCH, TACTILE (ERASE)	
S733	1-554-303-21	SWITCH, TACTILE (TIME)	
S734	1-554-303-21	SWITCH, TACTILE (MUSIC SCAN)	
S735	1-554-303-21	SWITCH, TACTILE (PEAK SEARCH)	
S736	1-554-303-21	SWITCH, TACTILE (FADER)	
S741	1-554-303-21	SWITCH, TACTILE (FILE)	
S742	1-554-303-21	SWITCH, TACTILE (HALL)	(C535)
S743	1-554-303-21	SWITCH, TACTILE (CHURCH)	(C535)
S744	1-554-303-21	SWITCH, TACTILE (JAZZ CLUB)	(C535)
S745	1-554-303-21	SWITCH, TACTILE (STADIUM)	(C535)
S746	1-554-303-21	SWITCH, TACTILE (DANCE)	(C535)
S747	1-554-303-21	SWITCH, TACTILE (DIRECT DSP MODE)	(C535)
S748	1-554-303-21	SWITCH, TACTILE (DSP FILE DSP MODE)	(C535)
**********			

BD DISPLAY

Ref.No.	Part No.	Description			Remark
*	A-4649-432-A	BD BOARD, COMPLETE (C435)			
		**********			
*	A-4649-433-A	BD BOARD, COMPLETE (C535)			
		**********			
		< CAPACITOR >			
C101	1-163-005-11	CERAMIC CHIP	470PF	10% 50V	
C102	1-163-038-00	CERAMIC CHIP	0.1uF	25V	
C103	1-163-005-11	CERAMIC CHIP	470PF	10% 50V	
C105	1-135-155-21	TANTALUM CHIP	4.7uF	10% 16V	
C106	1-164-346-11	CERAMIC CHIP	1uF	16V	
C107	1-164-505-11	CERAMIC CHIP	2.2uF	16V	
C108	1-163-035-00	CERAMIC CHIP	0.047uF	50V	
C109	1-163-011-11	CERAMIC CHIP	0.0015uF	10% 50V	
C110	1-163-017-00	CERAMIC CHIP	0.0047uF	5% 50V	
C111	1-163-251-11	CERAMIC CHIP	100PF	5% 50V	
C112	1-163-038-00	CERAMIC CHIP	0.1uF	25V	
C113	1-163-038-00	CERAMIC CHIP	0.1uF	25V	
C123	1-164-232-11	CERAMIC CHIP	0.01uF	50V	
C124	1-164-005-11	CERAMIC CHIP	0.47uF	25V	
C151	1-163-007-11	CERAMIC CHIP	680PF	10% 50V	
C152	1-163-007-11	CERAMIC CHIP	680PF	10% 50V	
C153	1-163-038-00	CERAMIC CHIP	0.1uF	25V	
C154	1-164-336-11	CERAMIC CHIP	0.33uF	25V	
C155	1-163-007-11	CERAMIC CHIP	680PF	10% 50V	
C156	1-163-007-11	CERAMIC CHIP	680PF	10% 50V	
C157	1-163-033-00	CERAMIC CHIP	0.022uF	50V	
C158	1-163-033-00	CERAMIC CHIP	0.022uF	50V	
C159	1-163-023-00	CERAMIC CHIP	0.015uF	5% 50V	
C160	1-163-019-00	CERAMIC CHIP	0.0068uF	10% 50V	
C161	1-163-038-00	CERAMIC CHIP	0.1uF	25V	
		< CONNECTOR >			
* CN101	1-568-865-11	SOCKET, CONNECTOR 23P			
CN102	1-568-795-11	SOCKET, CONNECTOR 12P			
		< IC >			
IC101	8-752-351-94	IC CXD2515Q			
IC102	8-759-071-79	IC BA6297AFP			
		< MOTOR >			
M101	X-4917-523-3	BASE (OUTSERT) ASSY (SPINDLE)			
M102	X-4917-504-1	MOTOR ASSY (SLED)			
		< RESISTOR >			
R101	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R102	1-216-097-00	METAL CHIP	100K	5% 1/10W	
R103	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R104	1-216-085-00	METAL CHIP	33K	5% 1/10W	
R105	1-216-097-00	METAL CHIP	100K	5% 1/10W	
R106	1-216-061-00	METAL CHIP	3.3K	5% 1/10W	
R107	1-216-061-00	METAL CHIP	3.3K	5% 1/10W	
R108	1-216-073-00	METAL CHIP	10K	5% 1/10W	
R109	1-216-121-00	METAL CHIP	1M	5% 1/10W	
R110	1-216-025-00	METAL CHIP	100	5% 1/10W	
R112	1-216-049-00	METAL CHIP	1K	5% 1/10W	
R113	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R114	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R117	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R118	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R121	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R122	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R123	1-216-073-00	METAL CHIP	10K	5% 1/10W	
R124	1-216-097-00	METAL CHIP	100K	5% 1/10W	
R125	1-216-049-00	METAL CHIP	1K	5% 1/10W (C435)	
R126	1-216-049-00	METAL CHIP	1K	5% 1/10W (C435)	
R127	1-216-049-00	METAL CHIP	1K	5% 1/10W (C435)	
R128	1-216-049-00	METAL CHIP	1K	5% 1/10W (C535)	
R129	1-216-049-00	METAL CHIP	1K	5% 1/10W (C535)	
R130	1-216-049-00	METAL CHIP	1K	5% 1/10W (C535)	
R131	1-216-037-00	METAL CHIP	330	5% 1/10W	
R151	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R152	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R153	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R154	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R155	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R156	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R157	1-216-093-00	METAL CHIP	68K	5% 1/10W	
R158	1-216-076-00	METAL CHIP	13K	5% 1/10W	
R159	1-216-085-00	METAL CHIP	33K	5% 1/10W	
R160	1-216-081-00	METAL CHIP	22K	5% 1/10W	
R161	1-216-308-00	METAL CHIP	4.7	5% 1/10W	
R162	1-216-093-00	METAL CHIP	68K	5% 1/10W	
R163	1-216-093-00	METAL CHIP	68K	5% 1/10W	
		< SWITCH >			
S101	1-572-085-11	SWITCH, LEAF (LIMIT)			
**********					
*	1-647-905-11	DISPLAY BOARD			
		**********			
		< CONNECTOR >			
CN701	1-750-474-11	CONNECTOR, FFC/FPC 33P			
		< INDICATOR >			
FL701	1-517-164-11	INDICATOR TUBE, FLUORESCENT			

Ref.No.	Part No.	Description				Remark
		< RESISTOR >				
R702	1-249-418-11	CARBON	1.2K	5%	1/4W	F
R703	1-247-836-11	CARBON	1.6K	5%	1/4W	
R704	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R705	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R706	1-249-426-11	CARBON	5.6K	5%	1/4W	
R707	1-247-856-00	CARBON	11K	5%	1/4W	
R708	1-249-435-11	CARBON	33K	5%	1/4W	
R727	1-247-856-00	CARBON	11K	5%	1/4W	
R728	1-249-435-11	CARBON	33K	5%	1/4W	
		< SWITCH >				
S701	1-554-303-21	SWITCH, TACTILE (EX-CHANGE)				
S702	1-554-303-21	SWITCH, TACTILE (■)				
S703	1-554-303-21	SWITCH, TACTILE (❚❚)				
S704	1-554-303-21	SWITCH, TACTILE (⏭)				
S705	1-554-303-21	SWITCH, TACTILE (⏮)				
S706	1-554-303-21	SWITCH, TACTILE (▶▶)				
S707	1-554-303-21	SWITCH, TACTILE (DISC SKIP)				
S708	1-554-303-21	SWITCH, TACTILE (OPEN/CLOSE ⏏)				
S727	1-554-303-21	SWITCH, TACTILE (▷)				
S728	1-554-303-21	SWITCH, TACTILE (⏭)				
**********						
*	1-647-908-11	HEADPHONE BOARD				
		**********				
		< CAPACITOR >				
C151	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C251	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C353	1-164-159-11	CERAMIC	0.1uF		50V	
		< CONNECTOR >				
* CN351	1-568-856-11	SOCKET, CONNECTOR 13P				
		< JACK >				
J351	1-750-162-41	JACK (LARGE TYPE) (PHONES)				
		< COIL >				
L151	1-412-473-21	INDUCTOR	0uH			
L251	1-412-473-21	INDUCTOR	0uH			
		< VARIABLE RESISTOR >				
RV351	1-241-917-11	RES, VAR, CARBON 10K/10K/10K (VOLUME)				
**********						

Ref.No.	Part No.	Description				Remark
*	1-648-802-11	LOADING BOARD				
		**********				
		< MOTOR >				
M802	A-4604-834-A	MOTOR ASSY, LOADING				
**********						
*	A-4649-669-A	MAIN BOARD, COMPLETE (C435:US, Canadian)				
		**********				
*	A-4649-672-A	MAIN BOARD, COMPLETE (C435:Australian)				
		**********				
*	A-4649-677-A	MAIN BOARD, COMPLETE (C535:US, Canadian)				
		**********				
*	A-4649-678-A	MAIN BOARD, COMPLETE (C535:AEP)				
		**********				
*	A-4649-679-A	MAIN BOARD, COMPLETE (C535:E)				
		**********				
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S				
		< CAPACITOR >				
C101	1-164-159-11	CERAMIC	0.1uF		50V	
C102	1-162-282-31	CERAMIC	100PF	10%	50V	
C103	1-162-213-31	CERAMIC	39PF	5%	50V	(C535)
C103	1-162-215-31	CERAMIC	47PF	5%	50V	(C435)
C104	1-162-213-31	CERAMIC	39PF	5%	50V	(C535)
C104	1-162-215-31	CERAMIC	47PF	5%	50V	(C435)
C105	1-124-994-11	ELECT	100uF	20%	10V	
C106	1-130-472-00	MYLAR	0.0012uF	5%	50V	
C107	1-106-359-00	MYLAR	4700PF	5%	200V	
C108	1-162-211-31	CERAMIC	33PF	5%	50V	(C535)
C109	1-126-101-11	ELECT	100uF	20%	16V	(C535)
C110	1-124-994-11	ELECT	100uF	20%	10V	
C111	1-124-463-00	ELECT	0.1uF	20%	50V	(C535)
C112	1-124-463-00	ELECT	0.1uF	20%	50V	(C535)
C113	1-130-467-00	MYLAR	470PF	5%	50V	
C201	1-164-159-11	CERAMIC	0.1uF		50V	
C202	1-162-282-31	CERAMIC	100PF	10%	50V	
C203	1-162-213-31	CERAMIC	39PF	5%	50V	(C535)
C203	1-162-215-31	CERAMIC	47PF	5%	50V	(C435)
C204	1-162-213-31	CERAMIC	39PF	5%	50V	(C535)
C204	1-162-215-31	CERAMIC	47PF	5%	50V	(C435)
C205	1-124-994-11	ELECT	100uF	20%	10V	
C206	1-130-472-00	MYLAR	0.0012uF	5%	50V	
C207	1-106-359-00	MYLAR	4700PF	5%	200V	
C208	1-162-211-31	CERAMIC	33PF	5%	50V	(C535)
C209	1-126-101-11	ELECT	100uF	20%	16V	(C535)
C210	1-124-994-11	ELECT	100uF	20%	10V	

MAIN

Ref. No.	Part No.	Description			Remark
C211	1-124-463-00	ELECT	0.1uF	20%	50V (C535)
C212	1-124-463-00	ELECT	0.1uF	20%	50V (C535)
C213	1-130-467-00	MYLAR	470PF	5%	50V
C301	1-126-022-11	ELECT	47uF	20%	16V
C302	1-164-159-11	CERAMIC	0.1uF		50V
C303	1-164-159-11	CERAMIC	0.1uF		50V
C304	1-162-208-31	CERAMIC	24PF	5%	50V (C435)
C305	1-161-494-00	CERAMIC	0.022uF		25V
C307	1-164-159-11	CERAMIC	0.1uF		50V
C308	1-162-196-31	CERAMIC	5.6PF	10%	50V (C435)
C308	1-162-199-31	CERAMIC	10PF	5%	50V (C535)
C309	1-162-196-31	CERAMIC	5.6PF	10%	50V (C435)
C309	1-162-199-31	CERAMIC	10PF	5%	50V (C535)
C311	1-126-022-11	ELECT	47uF	20%	16V
C312	1-161-494-00	CERAMIC	0.022uF		25V
C315	1-126-025-11	ELECT	330uF	20%	16V
C316	1-126-025-11	ELECT	330uF	20%	16V
C317	1-126-022-11	ELECT	47uF	20%	16V
C318	1-126-022-11	ELECT	47uF	20%	16V
C319	1-126-049-11	ELECT	22uF	20%	25V
C351	1-126-023-11	ELECT	100uF	20%	16V
C352	1-126-023-11	ELECT	100uF	20%	16V
C401	1-126-022-11	ELECT	47uF	20%	16V
C402	1-164-159-11	CERAMIC	0.1uF		50V (C535)
C403	1-161-494-00	CERAMIC	0.022uF		25V (C535)
C404	1-162-208-31	CERAMIC	24PF	5%	50V (C535)
C405	1-126-022-11	ELECT	47uF	20%	16V (C535)
C406	1-164-159-11	CERAMIC	0.1uF		50V (C535)
C407	1-164-159-11	CERAMIC	0.1uF		50V (C535)
C408	1-161-494-00	CERAMIC	0.022uF		25V (C535)
C409	1-126-022-11	ELECT	47uF	20%	16V (C535)
C410	1-164-159-11	CERAMIC	0.1uF		50V (C535)
C411	1-164-159-11	CERAMIC	0.1uF		50V (C535)
C412	1-164-159-11	CERAMIC	0.1uF		50V (C535)
C413	1-164-159-11	CERAMIC	0.1uF		50V (C535:AEP)
C414	1-164-159-11	CERAMIC	0.1uF		50V
C415	1-162-208-31	CERAMIC	24PF	5%	50V (C435)
C501	1-126-022-11	ELECT	47uF	20%	16V
C502	1-164-159-11	CERAMIC	0.1uF		50V
C503	1-164-159-11	CERAMIC	0.1uF		50V
C504	1-164-159-11	CERAMIC	0.1uF		50V
C505	1-161-494-00	CERAMIC	0.022uF		25V
C506	1-162-294-31	CERAMIC	0.001uF	10%	50V
C507	1-162-294-31	CERAMIC	0.001uF	10%	50V
C508	1-162-294-31	CERAMIC	0.001uF	10%	50V
C509	1-162-294-31	CERAMIC	0.001uF	10%	50V
C510	1-162-294-31	CERAMIC	0.001uF	10%	50V
C511	1-161-494-00	CERAMIC	0.022uF		25V
C512	1-161-494-00	CERAMIC	0.022uF		25V
C516	1-161-494-00	CERAMIC	0.022uF		25V
C531	1-104-905-11	CAP, DOUBLE LAYERS	0.22F		
C532	1-164-159-11	CERAMIC	0.1uF		50V
C533	1-161-494-00	CERAMIC	0.022uF		25V
C551	1-126-022-11	ELECT	47uF	20%	16V
C552	1-126-022-11	ELECT	47uF	20%	16V
C562	1-164-159-11	CERAMIC	0.1uF		50V
C601	1-161-494-00	CERAMIC	0.022uF		25V
C602	1-126-937-11	ELECT	4700uF	20%	16V
C603	1-124-556-11	ELECT	2200uF	20%	16V
C604	1-126-022-11	ELECT	47uF	20%	16V
C605	1-126-163-11	ELECT	4.7uF	20%	50V
C606	1-126-163-11	ELECT	4.7uF	20%	50V
C607	1-126-101-11	ELECT	100uF	20%	16V
C608	1-126-101-11	ELECT	100uF	20%	16V
C609	1-124-572-11	ELECT	100uF	20%	63V
C610	1-126-059-11	ELECT	10uF	20%	50V
		< CONNECTOR >			
CN301	1-750-418-11	CONNECTOR, FFC/FPC 13P			
CN401	1-750-640-11	CONNECTOR, FFC/FPC 23P			
CN501	1-750-438-11	CONNECTOR, FFC/FPC 33P			
CN502	1-750-453-11	CONNECTOR, FFC/FPC 12P (C435)			
CN502	1-750-457-11	CONNECTOR, FFC/FPC 16P (C535)			
CN504	1-750-223-11	CONNECTOR, FFC/FPC 6P			
* CN601	1-580-230-11	PIN, CONNECTOR (PC BOARD) 3P			
		< DIODE >			
D301	8-719-987-63	DIODE	1N4148M		
D531	8-719-987-63	DIODE	1N4148M		
D551	8-719-109-92	DIODE	RD6.2ESB1		
D601	8-719-200-82	DIODE	11ES2		
D602	8-719-200-82	DIODE	11ES2		
D603	8-719-200-82	DIODE	11ES2		
D604	8-719-200-82	DIODE	11ES2		
D605	8-719-200-82	DIODE	11ES2		
D606	8-719-110-13	DIODE	RD9.1ESB2		
		< PLATE, GROUND >			
* EB601	4-870-539-00	PLATE, GROUND			
		< IC >			
IC301	8-752-359-50	IC	CXD2564AM (C535)		
IC301	8-752-360-60	IC	CXD2565M (C435)		
IC302	8-759-160-55	IC	LA9216		
IC351	8-759-167-88	IC	NJM4565D		
IC401	8-759-917-18	IC	SN74HCU04AN (C535)		
IC402	8-752-341-99	IC	CXD2701Q (C535)		
IC403	8-759-508-41	IC	MS51464-10NC (C535)		
IC404	8-759-032-81	IC	MC74HC74AN (C535)		

Ref.No.	Part No.	Description	Remark
IC405	8-749-921-12	IC GP1F32T (C535:AEP)	
IC501	8-752-849-43	IC CXP82220-007Q	
IC531	8-759-512-81	IC LH5160N-10L	
IC551	8-759-172-31	IC BA6191	
IC561	8-759-803-42	IC LA6500-FA	
IC601	8-759-061-65	IC LA5602	
IC602	8-759-605-00	IC M5F78M07L	
IC603	8-759-633-42	IC M5293L	
		< JACK >	
J301	1-569-443-31	JACK, PIN 4P (LINE OUT)	
		< COIL >	
L301	1-412-297-11	INDUCTOR 3.3uH	
L302	1-412-473-21	INDUCTOR 0uH	
L303	1-412-473-21	INDUCTOR 0uH	
L304	1-412-297-11	INDUCTOR 3.3uH (C435)	
L305	1-412-297-11	INDUCTOR 3.3uH (C535)	
L306	1-412-473-21	INDUCTOR 0uH	
L401	1-412-297-11	INDUCTOR 3.3uH (C535)	
L402	1-412-297-11	INDUCTOR 3.3uH (C535)	
		< TRANSISTOR >	
Q101	8-729-231-55	TRANSISTOR 2SC2878-AB (C535)	
Q102	8-729-231-55	TRANSISTOR 2SC2878-AB (C535)	
Q201	8-729-231-55	TRANSISTOR 2SC2878-AB (C535)	
Q202	8-729-231-55	TRANSISTOR 2SC2878-AB (C535)	
Q301	8-729-900-89	TRANSISTOR DTC144ES	
Q302	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q501	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q502	8-729-900-65	TRANSISTOR DTA144ES (C535)	
Q503	8-729-900-65	TRANSISTOR DTA144ES (C535)	
Q504	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q601	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q602	8-729-900-61	TRANSISTOR DTA114ES	
Q603	8-729-900-80	TRANSISTOR DTC114ES	
Q604	8-729-900-89	TRANSISTOR DTC144ES	
Q605	8-729-900-61	TRANSISTOR DTA114ES	
		< RESISTOR >	
R101	1-249-436-11	CARBON 39K 5% 1/4W	
R102	1-249-436-11	CARBON 39K 5% 1/4W	
R103	1-249-431-11	CARBON 15K 5% 1/4W	
R104	1-249-431-11	CARBON 15K 5% 1/4W	
R105	1-249-437-11	CARBON 47K 5% 1/4W	(C435)
R105	1-249-438-11	CARBON 56K 5% 1/4W	(C535)
R106	1-249-437-11	CARBON 47K 5% 1/4W	(C435)
R106	1-249-438-11	CARBON 56K 5% 1/4W	(C535)
R107	1-249-429-11	CARBON 10K 5% 1/4W	
R108	1-249-419-11	CARBON 1.5K 5% 1/4W F	
R109	1-249-419-11	CARBON 1.5K 5% 1/4W F	
R110	1-249-421-11	CARBON 2.2K 5% 1/4W F	(C535)
R111	1-249-437-11	CARBON 47K 5% 1/4W	(C535)
R112	1-249-424-11	CARBON 3.9K 5% 1/4W F	(C535)
R113	1-249-425-11	CARBON 4.7K 5% 1/4W F	(C535)
R114	1-249-419-11	CARBON 1.5K 5% 1/4W F	(C535)
R115	1-249-425-11	CARBON 4.7K 5% 1/4W F	(C535)
R116	1-249-417-11	CARBON 1K 5% 1/4W F	
R117	1-249-417-11	CARBON 1K 5% 1/4W F	
R151	1-249-435-11	CARBON 33K 5% 1/4W	
R152	1-249-432-11	CARBON 18K 5% 1/4W	
R153	1-249-422-11	CARBON 2.7K 5% 1/4W F	
R154	1-249-429-11	CARBON 10K 5% 1/4W	
R155	1-249-402-11	CARBON 56 5% 1/4W F	
R201	1-249-436-11	CARBON 39K 5% 1/4W	
R202	1-249-436-11	CARBON 39K 5% 1/4W	
R203	1-249-431-11	CARBON 15K 5% 1/4W	
R204	1-249-431-11	CARBON 15K 5% 1/4W	
R205	1-249-437-11	CARBON 47K 5% 1/4W	(C435)
R205	1-249-438-11	CARBON 56K 5% 1/4W	(C535)
R206	1-249-437-11	CARBON 47K 5% 1/4W	(C435)
R206	1-249-438-11	CARBON 56K 5% 1/4W	(C535)
R207	1-249-429-11	CARBON 10K 5% 1/4W	
R208	1-249-419-11	CARBON 1.5K 5% 1/4W F	
R209	1-249-419-11	CARBON 1.5K 5% 1/4W F	
R210	1-249-421-11	CARBON 2.2K 5% 1/4W F	(C535)
R211	1-249-437-11	CARBON 47K 5% 1/4W	(C535)
R212	1-249-424-11	CARBON 3.9K 5% 1/4W F	(C535)
R213	1-249-425-11	CARBON 4.7K 5% 1/4W F	(C535)
R214	1-249-419-11	CARBON 1.5K 5% 1/4W F	(C535)
R215	1-249-425-11	CARBON 4.7K 5% 1/4W F	(C535)
R216	1-249-417-11	CARBON 1K 5% 1/4W F	
R217	1-249-417-11	CARBON 1K 5% 1/4W F	
R251	1-249-435-11	CARBON 33K 5% 1/4W	
R252	1-249-432-11	CARBON 18K 5% 1/4W	
R253	1-249-422-11	CARBON 2.7K 5% 1/4W F	
R254	1-249-429-11	CARBON 10K 5% 1/4W	
R255	1-249-402-11	CARBON 56 5% 1/4W F	
R301	1-249-417-11	CARBON 1K 5% 1/4W F	
R302	1-249-413-11	CARBON 470 5% 1/4W F	(C435)
R302	1-249-417-11	CARBON 1K 5% 1/4W F	(C535)
R303	1-247-903-00	CARBON 1M 5% 1/4W	(C535)
R303	1-249-425-11	CARBON 4.7K 5% 1/4W F	(C435)
R304	1-249-413-11	CARBON 470 5% 1/4W F	(C535)
R305	1-249-441-11	CARBON 100K 5% 1/4W	(C535)
R306	1-249-441-11	CARBON 100K 5% 1/4W	(C535)
R307	1-249-429-11	CARBON 10K 5% 1/4W	
R308	1-249-433-11	CARBON 22K 5% 1/4W	
R309	1-249-405-11	CARBON 100 5% 1/4W F	
R351	1-249-405-11	CARBON 100 5% 1/4W F	

MAIN | POWER SW

Ref. No.	Part No.	Description				Remark
R352	1-249-405-11	CARBON	100	5%	1/4W F	
R401	1-247-903-00	CARBON	1M	5%	1/4W	(C535)
R402	1-249-417-11	CARBON	1K	5%	1/4W F	(C535)
R403	1-249-413-11	CARBON	470	5%	1/4W F	(C535)
R405	1-249-417-11	CARBON	1K	5%	1/4W F	(C535)
R406	1-249-417-11	CARBON	1K	5%	1/4W F	(C535)
R407	1-249-417-11	CARBON	1K	5%	1/4W F	(C535)
R408	1-249-417-11	CARBON	1K	5%	1/4W F	(C535)
R409	1-249-417-11	CARBON	1K	5%	1/4W F	(C535)
R410	1-249-417-11	CARBON	1K	5%	1/4W F	(C535)
R501	1-249-441-11	CARBON	100K	5%	1/4W	
R502	1-249-429-11	CARBON	10K	5%	1/4W	
R503	1-249-429-11	CARBON	10K	5%	1/4W	
R504	1-249-417-11	CARBON	1K	5%	1/4W F	(C535)
R505	1-249-417-11	CARBON	1K	5%	1/4W F	
R506	1-249-417-11	CARBON	1K	5%	1/4W F	
R507	1-249-417-11	CARBON	1K	5%	1/4W F	
R508	1-249-417-11	CARBON	1K	5%	1/4W F	
R509	1-249-417-11	CARBON	1K	5%	1/4W F	
R510	1-249-428-11	CARBON	8.2K	5%	1/4W F	
R511	1-249-428-11	CARBON	8.2K	5%	1/4W F	
R512	1-249-428-11	CARBON	8.2K	5%	1/4W F	
R513	1-249-428-11	CARBON	8.2K	5%	1/4W F	
R514	1-249-428-11	CARBON	8.2K	5%	1/4W F	
R515	1-249-429-11	CARBON	10K	5%	1/4W	
R516	1-249-421-11	CARBON	2.2K	5%	1/4W F	
R517	1-249-424-11	CARBON	3.9K	5%	1/4W F	
R518	1-249-425-11	CARBON	4.7K	5%	1/4W F	
R519	1-249-427-11	CARBON	6.8K	5%	1/4W F	
R520	1-249-428-11	CARBON	8.2K	5%	1/4W F	
R521	1-249-411-11	CARBON	330	5%	1/4W	
R522	1-249-430-11	CARBON	12K	5%	1/4W	
R523	1-249-429-11	CARBON	10K	5%	1/4W	
R531	1-249-399-11	CARBON	33	5%	1/4W F	
R532	1-249-417-11	CARBON	1K	5%	1/4W F	
R533	1-249-429-11	CARBON	10K	5%	1/4W	
R534	1-249-429-11	CARBON	10K	5%	1/4W	
R535	1-249-429-11	CARBON	10K	5%	1/4W	
R536	1-249-429-11	CARBON	10K	5%	1/4W	
R537	1-249-429-11	CARBON	10K	5%	1/4W	
R538	1-249-429-11	CARBON	10K	5%	1/4W	
R539	1-249-429-11	CARBON	10K	5%	1/4W	
R540	1-249-429-11	CARBON	10K	5%	1/4W	
R541	1-249-429-11	CARBON	10K	5%	1/4W	
R542	1-249-429-11	CARBON	10K	5%	1/4W	
R543	1-249-429-11	CARBON	10K	5%	1/4W	
R544	1-249-429-11	CARBON	10K	5%	1/4W	
R545	1-249-429-11	CARBON	10K	5%	1/4W	
R551	1-249-425-11	CARBON	4.7K	5%	1/4W F	
R552	1-247-840-00	CARBON	2.4K	5%	1/4W	
R552	1-249-425-11	CARBON	4.7K	5%	1/4W F	
R553	1-247-828-11	CARBON	750	5%	1/4W	
R553	1-247-838-00	CARBON	2K	5%	1/4W	
R554	1-249-418-11	CARBON	1.2K	5%	1/4W F	
R554	1-249-421-11	CARBON	2.2K	5%	1/4W F	
R555	1-249-439-11	CARBON	68K	5%	1/4W	
R556	1-249-439-11	CARBON	68K	5%	1/4W	
R557	1-249-439-11	CARBON	68K	5%	1/4W	
R558	1-249-439-11	CARBON	68K	5%	1/4W	
R561	1-249-441-11	CARBON	100K	5%	1/4W	
R562	1-249-441-11	CARBON	100K	5%	1/4W	
R563	1-249-441-11	CARBON	100K	5%	1/4W	
R564	1-249-441-11	CARBON	100K	5%	1/4W	
R565	1-249-393-11	CARBON	10	5%	1/4W F	
R601	1-249-435-11	CARBON	33K	5%	1/4W	
R602	1-249-429-11	CARBON	10K	5%	1/4W	
R603	1-249-438-11	CARBON	56K	5%	1/4W	
R604	1-249-405-11	CARBON	100	5%	1/4W F	
R605	1-249-405-11	CARBON	100	5%	1/4W F	
R606	1-249-429-11	CARBON	10K	5%	1/4W	

< SWITCH >

⚠S601	1-572-675-11	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR)	(C535:E)

< TRANSFORMER >

⚠T901	1-423-553-11	TRANSFORMER, POWER	(US, CND)
⚠T901	1-423-554-11	TRANSFORMER, POWER	(AUS, AEP)
⚠T901	1-423-555-11	TRANSFORMER, POWER	(E)

< VIBRATOR >

X301	1-579-314-11	VIBRATOR, CRYSTAL (22MHz)	(C535)
X301	1-579-834-11	VIBRATOR, CRYSTAL (33MHz)	(C435)
X501	1-579-175-11	VIBRATOR, CERAMIC (10MHz)	

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* 1-647-907-11 POWER SW BOARD
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< CAPACITOR >

C781	1-161-494-00	CERAMIC	0.022uF	25V

< IC >

IC781	8-741-100-48	IC SBX1610-59

< RESISTOR >

R737	1-247-856-00	CARBON	11K	5%	1/4W	
R738	1-249-435-11	CARBON	33K	5%	1/4W	
R752	1-249-418-11	CARBON	1.2K	5%	1/4W	F
R753	1-247-836-11	CARBON	1.6K	5%	1/4W	
R754	1-249-421-11	CARBON	2.2K	5%	1/4W	F

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
R755	1-249-423-11	CARBON 3.3K 5% 1/4W F	
R756	1-249-426-11	CARBON 5.6K 5% 1/4W	
R757	1-247-856-00	CARBON 11K 5% 1/4W	
		< SWITCH >	
S737	1-554-303-21	SWITCH, TACTILE (CONTINUE PLAY MODE)	
S738	1-554-303-21	SWITCH, TACTILE (SHUFFLE PLAY MODE)	
S751	1-554-303-21	SWITCH, TACTILE (DISC 1)	
S752	1-554-303-21	SWITCH, TACTILE (DISC 2)	
S753	1-554-303-21	SWITCH, TACTILE (DISC 3)	
S754	1-554-303-21	SWITCH, TACTILE (DISC 4)	
S755	1-554-303-21	SWITCH, TACTILE (DISC 5)	
S756	1-554-303-21	SWITCH, TACTILE (REPEAT)	
S757	1-554-303-21	SWITCH, TACTILE (PROGRAM PLAY MODE)	
S781	1-572-714-11	SWITCH, PUSH (POWER)	
**********			
*	1-647-362-11	SENSOR BOARD	
		**********	
		< CONNECTOR >	
CN801	1-573-383-11	PIN, CONNECTOR (PC BOARD) 2P	
CN802	1-750-243-11	SOCKET, CONNECTOR 6P	
		< DIODE >	
D801	8-749-924-18	DIODE IC RPI-1391	
D802	8-749-924-30	DIODE PHOTO SENSOR GP2S28	
		< RESISTOR >	
R801	1-249-416-11	CARBON 820 5% 1/4W F	
R802	1-249-406-11	CARBON 120 5% 1/4W F	
**********			
*	1-647-364-11	TABLE MOTOR BOARD	
		**********	
		< MOTOR >	
M801	A-4660-322-A	MOTOR ASSY, ROTARY (TABLE)	
**********			
		MISCELLANEOUS	
		**********	
2	1-751-122-11	WIRE (FLAT TYPE) (13 CORE)	
5	1-751-120-11	WIRE (FLAT TYPE) (16 CORE)	(C535)
5	1-751-121-11	WIRE (FLAT TYPE) (12 CORE)	(C435)
8	1-751-119-11	WIRE (FLAT TYPE) (33 CORE)	
53	1-751-052-11	WIRE (FLAT TYPE) (6 CORE)	
⚠64	1-569-007-11	ADAPTER, CONVERSION 2P (E)	
⚠74	1-575-651-21	CORD, POWER (AEP)	

Ref. No.	Part No.	Description	Remark
⚠74	1-590-836-11	CORD, POWER (US, CND)	
⚠74	1-696-027-11	CORD, POWER (E)	
⚠74	1-696-845-11	CORD, POWER (AUS)	
122	1-751-123-11	WIRE (FLAT TYPE) (23 CORE)	
* 124	1-452-538-11	MAGNET	
⚠151	8-848-144-11	DEVICE, OPTICAL KSS-240A	
152	1-575-001-11	WIRE, FLAT TYPE (12 CORE)	
FL701	1-517-164-11	INDICATOR TUBE, FLUORESCENT	
M101	X-4917-523-3	BASE (OUTSERT) ASSY (SPINDLE)	
M102	X-4917-504-1	MOTOR ASSY (SLED)	
M801	A-4660-322-A	MOTOR ASSY, ROTARY (TABLE)	
M802	A-4604-834-A	MOTOR ASSY, LOADING	
S101	1-572-085-11	SWITCH, LEAF (LIMIT)	
⚠S601	1-572-675-11	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR)	(C535:E)
S901	1-466-996-11	ENCODER, ROTARY	
⚠T901	1-423-553-11	TRANSFORMER, POWER (US, CND)	
⚠T901	1-423-554-11	TRANSFORMER, POWER (AUS, AEP)	
⚠T901	1-423-555-11	TRANSFORMER, POWER (E)	
**********			
		ACCESSORIES & PACKING MATERIALS	
		**********	
	1-467-075-11	REMOTE COMMANDER (RM-D535)	(C535)
	1-467-076-11	REMOTE COMMANDER (RM-D435)	(C435)
	1-558-271-11	CORD, CONNECTION (PHONO X2-PHONO X2)	
	3-707-584-01	COVER, BATTERY (for REMOTE COMMANDER)	
	3-756-684-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, CHINESE)	(AEP, E)
	3-756-684-21	MANUAL, INSTRUCTION (ENGLISH)	(US, CND, AUS)
	3-756-684-31	MANUAL, INSTRUCTION (FRENCH)	(CND)
	3-756-684-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, ITALIAN, PORTUGUESE)	(AEP)
*	4-944-110-01	CUSHION (FRONT)	
*	4-944-111-01	CUSHION (REAR)	
*	4-958-475-01	INDIVIDUAL CARTON (C435)	
*	4-958-476-01	INDIVIDUAL CARTON (C535)	
**********			
		**********	
		HARDWARE LIST	
		**********	
#1	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
#2	7-682-548-04	SCREW +BVTT 3X8 (S)	
#3	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#4	7-685-134-19	SCREW +PTPWH 2.6X8 (TYPE2)	
#5	7-685-648-79	SCREW (M3X12), TAPPING	
#6	7-621-772-00	SCREW +B 2X3	
#7	7-621-255-15	SCREW +P 2X3	

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CDP-C435/C535

SONY

SERVICE MANUAL

US Model
Canadian Model
CDP-C435/C535
AEP Model
E Model
CDP-C535
Australian Model
CDP-C435

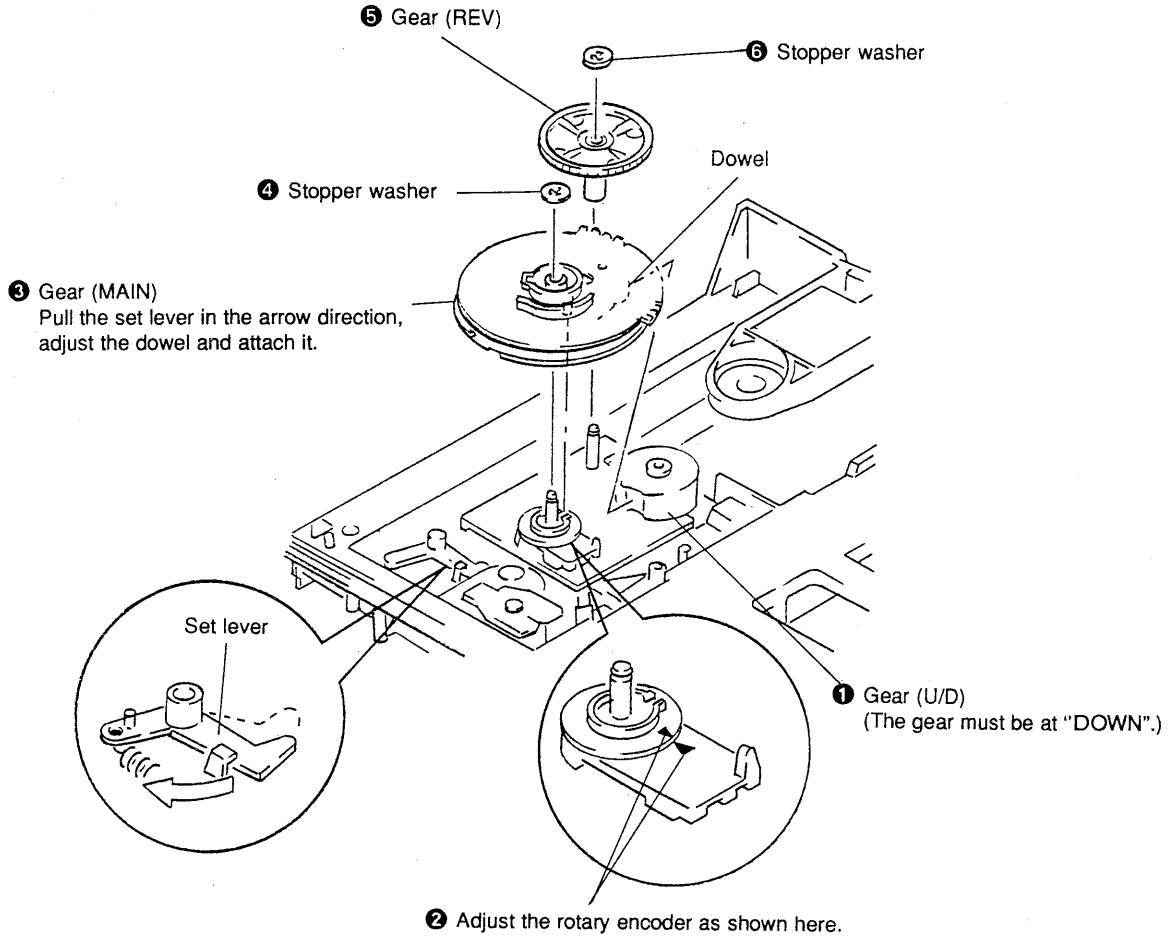
SUPPLEMENT-1

File this Supplement with the Service Manual.

Subject : Positioning the Encoder When Attaching the Gear (MAIN)

The position of the rotary encoder must be adjusted when attaching the gear (MAIN). If its position is not adjusted properly, problem may occur afterwards during operation.

: Correction


❺ Gear (REV)
❻ Stopper washer
Dowel
❹ Stopper washer
❸ Gear (MAIN)
Pull the set lever in the arrow direction, adjust the dowel and attach it.
Set lever
❶ Gear (U/D)
(The gear must be at "DOWN".)
❷ Adjust the rotary encoder as shown here.

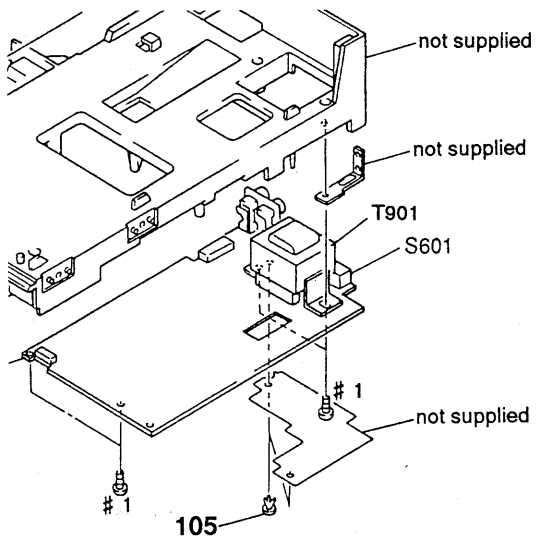
CORRECTION

Please correct your Service Manual.

6-3. CHASSIS ASSEMBLY (Page 35)

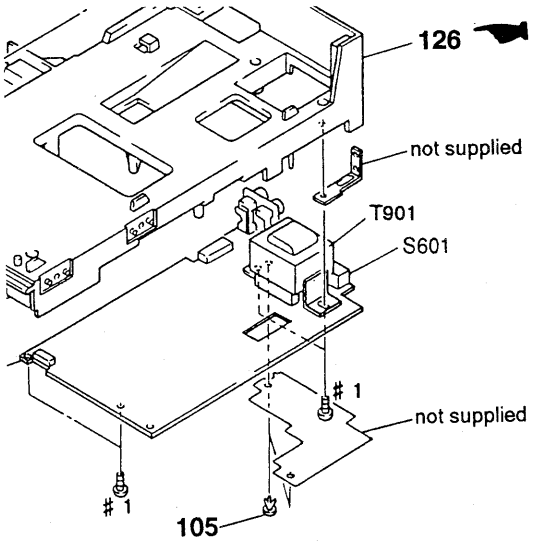
☛ **: Corrected portion**

Incorrect



Ref. No.	Part No.	Description	Remark
—			

Correct



Ref. No.	Part No.	Description	Remark
*126	4-957-300-03	CHASSIS ☛	

9-957-896-81

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